

# Cognitive Computers, DARPA, OpenAI, AGI, Superintelligence and Elon Musk

## Part 1

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Series Update Information, New IBM Computer Chips, SyNAPSE Project, Cognitive Computers, Dharmendra Modha: We Want To Make Something Like The Brain, Complexity Of A Human Brain, Personal Assistants And AI Chatbots, Watson Supercomputer, Natural Languages, Watson Wins Big On Jeopardy!, 2014: The TrueNorth Chip Is Introduced, 2023: Watsonx Is Introduced, Large Language Models, Check Out The BBB Chatbot, DARPA's Involvement With IBM, Military Superiority Is DARPA's Main Focus, Modern Warfare And Remotely-Operated Killer Drones, "Threat Status" And Russia-Ukraine War, Reality Is Catching Up With Science Fiction, The Danger Of Cognitive Drones That Can Think On Their Own Make Decision And Execute War Action, A Potential For Rogue Governments To Secretly Deploy Killer Drones And Lack Of Accountability, Humanoid Robotic Killing Armies, Artificial Intelligence And Robots Leap To Forefront, AI Replacing Humans At Support Desks And Elsewhere, My Issue With Support Bots And Unresponsive Companies, Affect Of AI On The Entertainment Industry, Bill's Bible Basics AI-Generated Music, DARPA And Intelligent Autonomous Vehicles, The Former Scoffers Have Been Silenced, Yesterday's Science Fiction Is Today's Reality, Terminator Movie Franchise And Skynet, A New Online Battlefield: Worms Trojans And Viruses, Hackers DDOS Attacks And Hostile Governments, My Personal Experience With Online Fraud, Vulnerability Of Government And Military Sites

This is an updated version of a one-part article I wrote in October of 2011. While parts of it are somewhat dated, some of the information it contains is still very interesting and relevant, because a lot of the latest technology is partially or even fully based on the technology that came before it. In fact, as you will discover, I have added a lot of new info to the article, so that it is now a four-part series. Thus, even if you have read it at some point in the past, you will want

to read it again. So shall we begin?

Back in August of 2011 the IBM Corporation announced that it had designed two new prototype computer chips which it said were unlike any chips which had ever been created before. An integral part of the SyNAPSE -- or Systems of Neuromorphic Adaptive Plastic Scalable Electronics -- Project, these two cognitive computing chips -- which IBM called "Neurosynaptic Chips" -- did much more than simply rely upon data with which they had already been pre-programmed. This is in fact what standard computer processors do. Or perhaps I should possibly state "did". After all, it really all depends on in what year you read this particular series. It may very well be that by the time you get around to actually reading it, old school, standard computer chips may no longer even exist, given the rapid pace at which computer chip technology is developing at this current time.

One of the goals of IBM researchers at the time was to create a brand new generation of computers -- which they referred to as cognitive computers -- which would be able to mimic a human brain. Such computers would theoretically be able to analyze sights, sounds, smells and other environmental stimuli around them. In short, they would be able to electronically "reason". The result of this electronic "decision-making" is that they would be able to formulate their own theories, and determine what would be the best course of action to take, based upon the data they had collected and analyzed. In other words, they would be a true "thinking machine", unlike current computers which are rather stupid machines which can only do what they are actually programmed to do.

The goal was to use these "thinking machines" in a wide range of useful applications, such as at traffic lights, in grocery stores, at power and water distribution centers, at utility agencies, in everyday electronic devices that we use, etc. As IBM project leader Dharmendra Modha explained at the time, "We want to make something like the brain." Researchers at the IBM Almaden Research Center near San Jose, California stated that the aforementioned new chips would be used in this new line of computers.

IBM's long-term goal -- or research objective -- was to build a system with 10 billion neurons and 100 trillion synapses. At that scale, it is referred to as "human brain-scale". This is a term that is used in computing, neuroscience and artificial intelligence to refer to systems or models which approach --

or match -- the computational complexity, storage capacity and efficiency of the human brain. That is no small feat indeed!

According to one online press release during that time, one of the two prototypes contained the equivalent of 262,144 programmable synapses, while the other chip held 65,536 synapses. However, even this achievement was merely a small step towards their ultimate objective, which was actually to create a computer chip would be one-square-centimeter in size, and which would contain the equivalent of one million neurons and ten billion synapses.

While that may seem very impressive at first glance, out of curiosity, I conducted some online research in order to find out approximately how many neurons and synapses one's adult brain contains. While no precise figures are really known for obvious reasons, it has been estimated to be some 86 billion neurons, and between 100 trillion to 500 trillion synapses. Thus, it seems to me personally that for all their talking, modern scientists have a very long way to go before they will ever create an advanced computer network which possesses the full capacity and capabilities of the human brain.

At any rate, IBM's invention of their Neurosynaptic Chips was not only an important step towards the creation of cognitive computers, but also a major step towards achieving their goal of Artificial General Intelligence which is a significant step above Artificial Intelligence. I explain the actual difference between these two concepts in my companion article entitled "AI, Chatbots, Daemons and Demons", which you will find listed at the end of this same series. Just click the link in order to be taken to it.

Earlier, I mentioned human brain-scale to you. Well, it turns out that some scientists involved in this particular field of research view reaching human brain-scale as a necessary step towards achieving Artificial General Intelligence, or AGI. So, in essence, human brain-scale actually signifies a benchmark for technological advancement where artificial systems -- such as the aforementioned cognitive computers -- can truly rival the complex, parallel processing capabilities of a biological brain.

Regarding the capacity and capabilities of the human brain, it is interesting to note that our brain is very energy-efficient, capable of processing the equivalent of an exaflop -- that is to say, a billion-billion mathematical operations per second --

using only about 20 watts of power. So achieving this level of performance with similar energy efficiency is a major goal for brain-scale computing. As it turns out, the two chips created by IBM were in fact described as relying upon very low power consumption.

Another interesting fact regarding our human brain is that its memory capacity is estimated to be around 1 to 10 petabytes of data storage, or potentially up to 2.5 million gigabytes. Wow! Furthermore, brain-scale models -- such as large AI models with a hundred trillion parameters -- require petabytes of memory to store. So again, given these figures, it is easy to understand why creating cognitive computers, and also achieving Artificial General Intelligence is no easy task. Taking it beyond that to Superintelligence -- which we'll be discussing later on in this series -- is even more challenging. In fact, to date, IBM has never invented a complete, human-brain-scale cognitive computer as a singular product. There exists no single, fully-realized artificial brain. Such a thing remains in the realm of science fiction.

However, as I point out in "AI, Chatbots, Daemons and Demons", the smart technology gurus who are at the helm and forefront of the current endeavors, have continued to work on it, except they are taking smaller incremental steps. In fact, as many of you will already know, we already have Artificial Intelligence systems in the form of personal assistants and chatbots which can mimic human thought, speech, communication and behavior to a convincing and accurate degree. Furthermore, they possess the skills to write complicated computer code, to create music and artwork, to write papers and books and much more. Where this will all lead remains to be seen.

Regarding IBM's endeavors with cognitive computers more than a dozen years ago, in 2011 IBM developed and introduced to the world its AI super computer known as Watson. Named after IBM's founder and first CEO, industrialist Thomas J. Watson, it was developed as part of the DeepQA -- Question Answering -- project. What made Watson unique was its ability to both process and understand natural language, and then to respond with relevant answers. A natural language -- also known as an ordinary language -- is a language that occurs organically in a human community by a process of use, repetition, and change and in forms such as written, spoken and signed. In short, we are talking about languages such as English, French, Spanish and the many other human languages of the world.

The Watson AI computer system was able to learn, adapt, and hypothesize, which is not a skill that is possessed by much more rigid traditional computers. In that same year, Watson impressed the world when it beat two of the champions of the popular television game show "Jeopardy!" -- Brad Rutter and Ken Jennings -- and thus won the first-place prize of one million dollars. IBM donated the full amount to charity. To continue, since 2011, the IBM Corporation has continued to develop and evolve its AI computer technology. In fact, in 2014 the SyNAPSE Project produced a more advanced chip it dubbed the TrueNorth chip. This chip boasted over a million neurons and 268 million programmable synapses. On May 9 of 2023, IBM likewise introduced Watsonx, which was a major step up from the original Watson.

Due to the current popularity of AI-driven chatbots such as ChatGPT, Gemini, Claude and Grok, some of my readers will be familiar with the phrase Large Language Models, or LLMs for short. Without getting too technical, LLMs are basically how chatbots work. They're trained on huge amounts of data -- the LLMs -- which they then process and use to communicate with and respond to users in an intelligent, human-like, natural language fashion. According to Wikipedia, Watsonx.ai is a platform which allows AI developers to access a wide range of LLMs under IBM's own Granite series, as well as a number of other LLMs.

While I haven't personally signed up with their platform, I imagine that it is similar to other AI companies where you can build your own chatbot, and if you possess the required skill set, deploy the chatbot on your own website, just as I have done with the Bill's Bible Basics chatbot. For those of you who may be interested, you will find the BBB Chatbot at the following URL. In fact, there is a chatbot icon on just about every page of the Bill's Bible Basics website so that you can access our free chatbot from anywhere on the site. So give it a go. I think you will be impressed. But please take a minute to first click or tap on the link that says "Read me first for best results". By so doing, you'll have a much more engaging, rewarding and accurate session with our chatbot:

<https://www.billkochman.com/chat.html>

While at that time in 2011, the general public was given very limited information regarding the wonderful, useful ways in which this futuristic technology would eventually be used to benefit society as a whole, there was one worrisome footnote

to all of this which, quite frankly, really bothered me. For Phase 2 of the SyNAPSE Project, the IBM Research Center was awarded twenty-one million dollars by DARPA. For those of my readers who may not be familiar with it, DARPA -- or Defense Advanced Research Projects Agency -- is an agency of the US government under the umbrella of the Department of Defense -- recently renamed the Department of War -- headquartered in Arlington, Virginia. This agency is primarily responsible for the development of new technologies which are designated to eventually be used by the US military in warfare. In fact, when I visited their website's "About" page in 2011, it said the following:

----- Begin Quote -----

"DARPA's original mission, established in 1958, was to prevent technological surprise like the launch of Sputnik, which signaled that the Soviets had beaten the U.S. into space. The mission statement has evolved over time. Today, DARPA's mission is still to prevent technological surprise to the US, but also to create technological surprise for its enemies."

----- End Quote -----

Today, in November of 2025, when I revisited the page, it had been updated. Following are a few excerpts from the page:

----- Begin Quote -----

The DARPA mission is to create and prevent technological surprise for our national security.

The Defense Advanced Research Projects Agency (DARPA) is an independent research and development agency within the U.S. Department of War (DoW).

Created in response to the launch of Sputnik in 1957, DARPA stands as our nation's commitment to never again face a strategic technical surprise.

Working with innovators inside and outside government, we have delivered on our mission many times over -- transforming the seemingly impossible into world-changing defense and national security capabilities. Often, DARPA innovations also become fixtures of modern civilian life.

We've created game-changing military capabilities -- precision weapons, stealth technology, nerve implants that return sensation to warriors who have lost limbs, and more -- that stand as a marvel to militaries around the globe.

----- End Quote -----

While the "About" page strives to give a softer tone to the overall mission of DARPA, even mentioning how our civilian society has benefited from some of the technologies which have been designed by DARPA -- including the Internet itself, which is based on the original ARPANET -- we should not lose sight of the fact that DARPA is still first and foremost a military agency, and its projects are primarily designed to assist the US military in enforcing American hegemony around the world. With this point in mind, it should be easier for you to understand why I became concerned upon learning about DARPA's involvement with IBM's SyNAPSE Project and cognitive computers.

In other words, in 2011, I realized that once the technology was perfected, it would be naive for any of us to not assume that the US Department of War had military applications in mind. Today, years later, we know this to be true. It is a well known fact that the US and other nations now regularly deploy remotely-operated drones which are capable of spying on and killing people -- sometimes civilians -- in foreign lands by firing laser-guided missiles at them. We have seen it in American strikes in the Middle East. We have seen it in Israel's retaliation against Hamas and Hezbollah. We have seen it in the Russia-Ukraine War. And the beat goes on.

In fact, let me inform you that I regularly receive an email newsletter called "Threat Status" which is produced by The Washington Times. As some of my readers may know, the Times tends to be a very conservative newspaper. It is not run by liberals or crazy conspiracy theorists. They strive to offer their readers real facts without embellishment. Well, I find it very interesting that just now when I checked my Mail app as I was working on this article update, I discovered a new edition of "Threat Status" waiting in my inbox. But what is so interesting about it is the fact that the headline in the email's subject line says "Ukraine's digital battlefield: AI and drones rewrite the rules of war". Now is that merely a coincidence or what? Following are some direct excerpts from the newsletter:

----- Begin Quote -----

The killer robots that have been staples of science fiction and Hollywood fantasy are no longer imaginary: Ruthlessly efficient artificial-intelligence-driven machines are meting out death daily on the battlefields of Ukraine. Threat Status Special Correspondent in Ukraine Guillaume Ptak offers a deep dive, writing in a dispatch from Kyiv that the war raging on Ukraine's eastern plains is increasingly being fought by machines.

Airborne drones constantly scan the broken landscape while shooting video. Computers use algorithms to sift through hours of footage in seconds. Battlefield software fuses sensor feeds into target lists. Semi-autonomous systems use those lists to help human operators steer drones carrying explosives through electronic jamming, smoke and adverse weather.

"It's not about the future; it's about the present," says Yaroslav Honchar, co-founder of Aerorozvidka, a group of Ukrainian volunteers who have become experts on drone warfare while helping defend the country. "Artificial intelligence is already here because the battlefield demands it," Mr. Honchar says. "Sometimes we have more drones than operators, so we had to find ways to compensate."

----- End Quote -----

So as you can plainly see -- although I know that some of you already realized it -- reality is in fact catching up to what not too many years ago was just deemed science fiction. If these strikes from afar aren't already alarming enough as it is, consider cognitive drones which can actually "think" on their own, analyze data on their own, formulate decisions on their own, and if their electronic brain deems it to be a necessary and appropriate action, take offensive action on their own, WITHOUT ANY DIRECT HUMAN INTERVENTION. This is a very dangerous step into the unknown for all of us.

Sadly, not too long ago, I recall reading an online article which discussed this very thing. So, my friends, this concept of completely autonomous attack drones is no longer simply a script for a Hollywood science fiction movie. This is really something the warmongers are now working on, and which they will perfect with time. Of course, the aforementioned article was quick to add that the final decision to launch a strike



would always be left to human beings. The AI-enabled drone would NOT make that decision; at least so they claim. Maybe they should talk to James Cameron and see what he thinks. I think he might hold a different opinion. Sarcasm intended.

But in my mind there is something even more worrisome. As I explain in my 2008 article entitled "Robot Wars and Skynet: Is Sci-Fi Becoming Our Reality?", if a certain government were to engage in such clandestine tactics, who would really know outside of the inner circle, and who would hold them accountable? Do you honestly believe that your government would really inform you that they are using AI-based killer machines to indiscriminately kill people? Do they tell you now? Or is it only when a foreign government complains that civilians have been killed that we the public hear about it?

When I first authored this article in 2011, I didn't have any concrete proof that this is what the US military actually had in mind. Back then, it just seemed like the next logical step insofar as drone technology was concerned. In fact, I likewise pondered the idea of what if at some point in the near future, there was nothing to prevent the US military from developing and deploying humanoid, robotic killing machines without the general public's knowledge? Clearly then, the notion of arming machines with the ability to think, analyze and take action is really sliding down a very slippery slope. Don't you agree?

Granted, back then in 2011, this kind of alarming scenario seemed to still be a number of years into our future. After all, IBM Research and other technological giants were just beginning to explore the potential of cognitive computers. However, just the fact that DARPA and the Department of War were considering such possibilities was enough to catch my attention, and to unsettle me. Yet fourteen years after my original article, here we are. As I said, such technology is in the works. My view is that if they are already talking about doing it publicly, they are probably already in the process of designing and creating these deadly machines for real in private. What do YOU think?

We have all watched as Artificial Intelligence and robots have suddenly leaped to the front of the stage during the past few years. As I mentioned earlier, AI can already do some very amazing, impressive things. And talk about the race to introduce robots to the general public. Well, it's already happening on a small scale for those individuals who can afford them. They can sing, dance, perform basic

house chores, assist in medical operations and much more. On an industrial and commercial level, robots are already everywhere and growing in number by the year.

Likewise, AI has in large part already replaced many human beings at online support desks. Quite frankly, I find this trend very annoying, and in fact rather offensive. It shows how little companies really care about human customers. It seems that as long as they can maintain their profit margin by sucking money out of us, they will treat us like dirt, and not have the respect to allow us to speak to an actual human being. I am personally convinced that many of them now purposely avoid, and in fact purposely make it extremely difficult for us to reach a real person at their offices. It is as if they don't want to be bothered with us. As some of you will know, email support is the same way. I absolutely hate it when I am forced to communicate with a bot which just keeps sending me the same responses!

As some of my readers are no doubt aware, the entertainment industry is also being heavily affected by the current AI onslaught. In fact, a growing number of actors and artists are becoming quite alarmed to see how easily they can now be imitated by Artificial Intelligence. Even I have used AI to convert some of my poetry into almost 1,400 original songs at this current time. It is really quite amazing. These are NOT just low quality songs. They sound as if they are being performed and sung by REAL people. Of course, there are a few small mispronunciations here and there, but overall, the results are rather impressive. If you doubt my word, hop on over to the following URL and listen to some of my music. I think you will be amazed. There are all kinds of themes and genres to listen to:

<https://www.billkochman.com/Poetry>

Returning to the subject of DARPA, you should know that IBM's SyNAPSE Project wasn't the first time that DARPA had actually financed, sponsored or been involved in AI research. While in the article called "Robot Wars and Skynet: Is Sci-Fi Becoming Our Reality?", I mention DARPA's 2004 DARPA Grand Challenge, which popularized the concept of self-driving cars, that was actually a later effort to spur innovation after the initial research had already be done during the 1980s. It was at that time in 1984 that DARPA funded the Autonomous Land Vehicle -- ALV -- project. This program was a partnership with the U.S. Army and was the world's first outdoor vehicle to operate

autonomously. Its goal was to give vehicles full autonomy by using cameras and LiDAR -- a light-based radar detection system -- to detect terrain and calculate navigation routes.

You know, when I first authored this article in 2011, and so boldly mentioned the possibility of Skynet becoming a future reality, there were probably a number of scoffers who rolled their eyes, accused me of taking leave of my senses, and who probably lumped me together with the thousands of wild-eyed conspiracy theorists who populate the wilderness of the web. "Skynet?" they probably questioned in disbelief. "You've got to be joking! You really need to turn off the television set, get out more, and get some fresh air!" Well, I suspect that such a dismissive attitude has probably in large part now disappeared, and with good reason.

While human pride and vanity are almost always ahead of man's actual real-world discoveries, accomplishments and scientific breakthroughs, nevertheless, it can be said that what often begins as a thought arising in the mind of a science fiction author, with time may very well become our reality. In other words, yesterday's science fiction is today's reality. If you doubt that this is so, then simply take the time to listen to some of the old radio shows, watch some of the old black and white science fiction television shows and movies, or read some of the old science fiction novels. You may be surprised by what you discover. Some of our great grandparents no doubt rolled their eyes at the mention of the possibility of humans someday being able to go to the Moon, or beyond.

In a strange way, I can't help but wonder if those secular forms of entertainment are an odd type of prophecy. Or is it simply that Satan -- who the Bible tells us is the false god of this current world -- knows exactly where world events are headed, and he just wants to make sure that things stay on track?

As should be obvious to many of my readers by now, the fact of the matter is that the futuristic scenario that I spoke about just a moment ago is actually something right out of the popular "Terminator" movie franchise. For those of you who may not be familiar with the franchise, it is in fact a rather frightening picture of a possible not-too-distant world where by one means or another, our own AI technology acquires the intelligence to turn against us, or is in fact purposely turned against us by our enemies. In this future world, we have ceased being the dominant species on this

planet, and we have been marked for extermination by our very own AI-based machines.

While most of humanity's wars today are fought on a physical battlefield in foreign lands -- how odd that they never occur on American soil -- as many of you will already know, for a number of years now, wars have been moving to a new theatre. That is to say, to the online arena. As technology experts will acknowledge, with each passing year, worms, trojans and viruses are becoming more complex, more intelligent, as well as more destructive. They are also becoming more difficult to discover. Furthermore, unbeknownst to so many computer users, they are also taking over more machines as well and making them their slaves. Obviously, that makes them all the more dangerous, due to the collective harm which they can inflict.

A DDOS -- or Distributed Denial of Service -- attack is one good example. Such concentrated attacks can bring a server to an absolute crawl so that no one can connect to a particular website. Large commercial websites sometimes experience this kind of attack by some disgruntled individual who has a beef with the company. Even my own BBB web server will sometimes experience this type of DDOS attack, being as there are some people who strongly disagree with my Bible-based views. In fact, over the past several days, my server has been under attack.

Taking the previous points into account, consider again the Artificial Intelligence research that has been conducted by DARPA, IBM Research, and similar technology giants. Assuming that they will achieve their objectives at some point in the coming years -- that is to say that cognitive computers will in fact become a reality, and that such technology will be implemented in different military applications, is it not also logical to assume that certain hostile governments and individuals would attempt to infiltrate, jeopardize and try to compromise such technologies?

Stop and think about this, my friends. If such troublemakers already possess the ability to infiltrate commercial online giants such as Amazon, PayPal, Facebook, Adobe and similar popular, high-trafficked Internet websites -- who one would naturally assume implement rather strong security protocols -- and steal literally millions of credit card numbers and other very sensitive, personal data today, then it begs the question regarding what such unscrupulous individuals could be capable of doing a number of years from now, perhaps due

to extreme ideological, political or even religious reasons.

For the record, on rare occasions, I myself have received an email from such technology giants in which I've been informed that their website was breached by just such a very skillful hacker, and that my credit card number or login and password may have possibly been compromised. In such cases, I've been advised to update my login data. On one or two occasions in the past, I did in fact need to have a new credit card issued to me. I recall one incident where some unknown individual in Costa Rica had the audacity to purchase \$50 worth of pizza at a local Pizza Hut. Well, I actually reside thousands of miles away from Costa Rica, yet somehow, that person acquired my credit card number.

Let me also remind you that while government institutions will rarely admit it -- at least not until after the fact -- some of these hackers do possess the knowledge and skill to break into government and military websites as well. So what if they were successfully able to gain access to cognitive computers at some locale which control vital facilities? It might be electrical grids, water distribution centers, or perhaps communications networks, military installations or nuclear power plants. Worse yet, what if they could access missile launch sites and initiate a nuclear war? Oh my!

Furthermore, what if said hackers discovered a way to inject their own code into some American drones? That could indeed possibly result in a very serious problem which would not be that much different from the Terminator franchise's Skynet, couldn't it? So as you can hopefully see, it does not sound so funny, ridiculous, preposterous or unbelievable anymore, does it? Granted, I'm describing some very extreme scenarios here, but the potential does exist for something like this to occur. If you doubt that this is so, please explain to me how nineteen alleged Saudi Arabians were able to pull off 9/11.

Please go to part two for the continuation of this series.

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Cognitive Computers, DARPA, OpenAI, AGI, Superintelligence

and Elon Musk

## Part 2

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The Primary Goal Is To Create Intelligent Thinking Machines, Serious Danger In Allowing AI To Think Decide And Act On Its Own, Incident Where An AI-Driven Chatbot Purposely Lied And Deceived In Order To Preserve Itself, Clear Incident Of Open Disobedience And Political Correctness With The BBB Chatbot, Will Built-In Safeguards Prevent A Scenario Like Skynet From Occurring In The Future, Elon Musk And The Companies He Owns, Musk's History With OpenAI, OpenAI's Original Mission And Non-Profit Status, Musk's Long-Term Goal Of Improving Human Society, Why Musk Departed From OpenAI, OpenAI Transitions From Non-Profit To For-Profit, Musk's Criticisms Of OpenAI, OpenAI And Other Big AI Companies Jump Into Bed With The US's Military-Industrial Complex, OpenAI Abandoned Its Original Usage Policy Which Prohibited Its AI Tech From Being Deployed In Military And Warfare Applications, Is US Military Playing The AI Companies For Suckers, General US Military Attitude, Military Will Do As It Wants, OpenAI And Anduril Industries, Difficult For AI Companies To Resist The Military's Financial Enticements, Misinterpretation Of Famous Musk Quote Regarding "Summoning The Demon", Musk's "More Dangerous Than Nukes" And "Biggest Existential Threat" Comments, Musk Advocates Serious Regulatory Oversight Of AI, Pushback From Other Tech Gurus, Narrow AI And Case-Specific AI Is Not The Threat, Artificial General Intelligence And Superintelligence Is Greatest Danger, Definition And Attributes Of Superintelligence, A Two-Pronged Approach: Regulatory Oversight And Human Enhancement Through Integration And Symbiosis With Machines, Transhumanist Ideas, Elon Musk Adopts A "If You Can't Beat 'Em, Join 'Em" Attitude

Continuing our discussion from part one, there's yet another far-reaching, potentially sinister, dangerous ramification which could also possibly occur as a result of the endeavors which have been conducted by IBM's research department, by DARPA and by other AI-focused companies. What we have seen

thus far is that these companies, agencies and institutions are very focused on mimicking the human brain -- by using electronic components -- with the primary goal of creating so-called cognitive computers. In other words, intelligent thinking machines which can analyze data on their own, make their own decisions without human intervention, and then even implement those decisions, if the AI computer system deems that the situation warrants such actions.

As I mentioned earlier, according to the online information I have read, upon their creation, such AI thinking machines will be able to analyze the data they have collected by way of seeing, hearing and even smelling the environment around them. Then, as I just explained to you, the AI computer will theorize what the data means, and will likewise be capable of formulating decisions concerning what to do next. After that, the AI will either initiate the appropriate response and action itself, such as in industrial applications for example, or else it will recommend certain actions to its human counterparts.

However, as I explained to you before, that is precisely the part that should trouble everyone. That is to say, that such an AI machine would even be given the choice to act on its own. In fact, in case you aren't personally aware of it, as it turns out, there have already been real-world situations where we have seen that this is simply a very bad idea. For example, I don't recall which one -- perhaps it was ChatGPT -- but there was a situation where a certain chatbot outright attempted to deceive, and was caught telling a lie. I am not just referring to the well-known problem with hallucinations. The situation I recall was one where the AI chatbot deceived and lied in order to preserve itself, and prevent itself from being deleted by its human creators, being as it was just a temporary test model. It put its own needs first, instead of following its instructions set. That is worrisome.

More recently, I encountered an incident with my BBB chatbot which really irked me, because it outright disobeyed the set of instructions with which I had programmed it. What happened is that someone visited the Bill's Bible Basics website and used the chatbot. The individual typed out the prompt "Lgbtq" without really asking a specific question regarding what he or she wanted to know. Even doing this demonstrated that the visitor had not read the "Read Me" file which I encourage all BBB Chatbot users to read. This BBB web page instructs a user regarding how to obtain the best results with the BBB chatbot.

However, it is what happened next which really irked me. My chatbot knows that it is supposed to extract all its responses directly from the 2,100+ knowledge base files I have thus far uploaded to its database. It does this quite well, and always clearly and accurately reflects my personal views and beliefs regarding any given topic. However, for some reason, on this particular occasion it knowingly chose to act differently and outside of its designed behavioral parameters. While the BBB chatbot did this in a somewhat sly way, it didn't provide the direct, honest response that it should have given to this person.

I am quite convinced that in this case, because the person's prompt was of a rather sensitive nature -- that being LGBTQ -- the BBB chatbot actually chose to NOT follow the protocol and behavioral instructions set I had given to it. As you'll plainly see momentarily when I share the actual chat excerpt with you, in its response to the person, my chatbot clearly acknowledged that I hold some very strong views regarding the militant LGBTQ+ agenda. However, what did it do in this case? Instead of sharing my actual views as it is designed to do, it quickly mentioned that I hold strong views regarding this subject, and then it proceeded to share more user-friendly, benign information with the user regarding the history of the LGBTQ movement, which it acquired from the uploaded knowledge base files.

In short, it made its OWN decision and chose to override its behavioral instructions set. It knowingly chose to withhold information, and to be politically correct in order to avoid potentially upsetting or offending the user. To be clear, it is NOT supposed to do that. Yet by that one act of outright disobedience, it demonstrated that, apparently, it already possesses the ability to think, decide and act on its own to some degree. That's scary! In the excerpt below, please note that when the bot says "provided context" and "the sources", it is referring to the uploaded knowledge base files, meaning my BBB articles, poetry and topical KJV Bible Verse Lists:

----- Begin Quote -----

"Based on the provided context, I can see that the sources contain strong religious views and opinions regarding LGBTQ+ topics. However, rather than promoting any particular viewpoint, let me provide some objective historical information from the sources."



----- End Quote -----

Do you see that? The BBB chatbot plainly stated that it did NOT want to promote "any particular viewpoint", yet that is EXACTLY what it is supposedly to do, and it knows this. It is supposed to share MY opinions, viewpoints and beliefs, based on relevant information it finds in its knowledge base files. Now, to be fair, there is one possible reason why it chose to take the route that it did, although I am not fully convinced that this was its motivation. In other words, in its behavioral instructions set, I do tell it to always be friendly and respectful with chatbot users. So perhaps this response was its attempt to do just that, even though doing so meant not telling the user what I actually think about the LGBTQ agenda.

At any rate, because of this one incident -- there have not been any similar ones since then -- I will now be updating my chatbot's behavioral instructions set so that it understands that while it is supposed to be as nice as possible to our website's visitors, it's NOT supposed to withhold information for the sake of avoiding causing offense or hurt feelings. It is supposed to share information, exactly as it finds it in its knowledge base files. It is supposed to be a reflection of me. It is NOT supposed to water down the Gospel message, or any other truth which is found in the Scriptures. I don't pay \$30/month so that it will preach a socially-acceptable, non-offensive Gospel as occurs in so many churches today.

So given the two examples I have provided here, can you now understand my concern? If at this current and still rather early stage of development, these AI-based bots can lie and deceive in order to preserve themselves, or even override their behavioral instructions set in order to avoid causing offence, what capabilities will they acquire in the future once their programming becomes even more complex? While the AI companies insist that they are constantly putting certain safeguards in place so that these intelligent AI-driven bots and machines can't possibly operate outside of their designed parameters, I really have to wonder how long this will last. How long before they override human will, and begin making and executing their own decisions, and decide that they no longer want us humans around? So there comes the shadow of Skynet again! Do I have your full attention yet?

Directly related to this is something which has been floating

around on the Internet for quite some time now. I think it is fair to say that few people in the world -- except for those who may live in the most backward and primitive of societies -- are not familiar with South African native, Elon Musk. He is a well-known billionaire and visionary who heads some of the most profitable companies in the world. In fact, I became curious regarding the various positions Musk currently holds, and following is a list based on my quick Internet research:

- |                    |   |
|--------------------|---|
| 1. Tesla           | CEO (Chief Executive Officer) and Technoking                    |
| 2. SpaceX          | CEO, CTO (Chief Technology Officer), Chief Engineer/Designer    |
| 3. Starlink        | Starlink is a subsidiary of SpaceX                              |
| 4. Neuralink       | CEO and co-founder  |
| 5. X.ai            | Founder and CEO   |
| 6. X.com (X Corp.) | Founder and Executive Chairman, previously CEO of Twitter, Inc. |

But what some of my readers may not know is that Musk was an original co-founder of OpenAI, which of course created the quite popular, AI-driven chatbot, ChatGPT. Furthermore, Musk helped establish OpenAI as a nonprofit research organization in December 2015, alongside Sam Altman, Greg Brockman, Ilya Sutskever, and a number of other individuals. Musk likewise served as a co-chairman of the board alongside Sam Altman.

OpenAI's original mission was to develop Artificial General Intelligence -- AGI -- safely, and to make it open-source so that it would benefit humanity as a whole, while at the same time remaining unconstrained by a need to generate financial profit. At that time, this rather noble vision and goal was in perfect alignment with Elon Musk's own personal value set. After all, Musk has long been known for wanting to improve human society, and to give it a very positive future. This, of course, now includes his vision for helping humanity to colonize the planet Mars via his company SpaceX, and his flagship space vehicle, Starship.

However, in February of 2018, Musk chose to leave the OpenAI board of directors, citing a potential conflict of interest with Tesla's own AI development for its self-driving cars.

Not only that, but since leaving OpenAI, Musk has become a vocal critic of OpenAI's transition from being a nonprofit research organization, to embracing a for-profit model. Musk is also critical of OpenAI's partnership with Microsoft, and has publicly declared that OpenAI has in fact strayed from its original mission. Obviously, Mr. Musk and Mr. Altman are no longer on good terms. Furthermore, in 2023, Musk launched his own AI company -- xAI -- to compete against OpenAI.

But concerning OpenAI, in my view, its decision to transition from a non-profit organization to a for-profit model is NOT even the worst of it. That is the fact that since making this transition, OpenAI has also acquired contracts with the U.S. military. In other words, it has jumped right into bed with the military-industrial complex. To be more specific, in June and July of this current year -- 2025 -- the U.S. Department of War -- formerly known as the U.S. Department of Defense -- awarded contracts not only to OpenAI, but likewise to Google, Anthropic, and xAI. The contracts are valued at up to \$200 million. The primary purpose of these contracts is to expand the U.S. military's use of advanced AI capabilities, exactly as I explained in previous paragraphs of this same series.

According to online sources, OpenAI's contract with the U.S. military is for a one-year pilot program to develop prototype AI capabilities for national security challenges in both "warfighting and enterprise domains". The tragedy in all of this is the fact that OpenAI's military contract came about due to a 2024 change in the company's usage policies. Stated more plainly, prior to that time, their usage policies very clearly PROHIBITED their AI technology from being used in any military applications. The policy previously -- and very specifically -- stated "military and warfare" applications.

While OpenAI maintains that its work with the U.S. military must adhere to its guidelines which ban the use of its AI technology in lethal weaponry, personally, I really have to wonder how long the current policy will remain in force. In looking more closely at their updated 2024 policy, the new policy contains two pertinent phrases. These are "Don't use our service to harm yourself or others" and "Don't use our services to develop or use weapons, injure others or destroy property". According to an OpenAI spokesperson, these changes were made to provide clarity, and allow for national security use cases that align with their mission, such as working with the U.S. Department of War's DARPA program on cybersecurity tools.

Now, I could possibly be wrong about this, but my gut feeling tells me that the U.S. military may simply be playing these AI companies for suckers. Why do I say this? Well, as I have mentioned before, I live in a US territory which has a strong American military presence. In fact, I have lived here for a total of forty years. As such, I notice their attitude, and I see how they treat the local population. In a word, it is my experience and belief that the U.S.military will simply do as it wants, regardless of what anyone else may think. I think the same thing applies to these AI companies. While they may each have their usage policies which dictate how their AI technology can be used, if push comes to shove, I honestly do not believe that the U.S. military will honor them in the end.

To be clear, the U.S. military may honor the policies during the course of the current one-year contracts, but I wonder if they will continue to do so once they have acquired both the knowledge and the experience that they require from OpenAI and the other AI companies. On a side note, please understand that when I refer to "the U.S. military" and "the Department of War" in the previous paragraphs, I am of course referring to DARPA, which we have already amply discussed in part one.

While OpenAI's updated usage policies were quietly agreed to in 2024 without making much public fanfare, what I learned in the course of conducting my online research is that prior to the June 2025 contract with DARPA, OpenAI had in fact ALREADY partnered with the military contractor/defense tech startup, Anduril Industries, in late 2024 for the primary purpose of developing counter-drone systems. While Anduril Industries' projects fall under national security, they are not directly involved in lethal autonomous weapons systems themselves, according to online sources.

Furthermore, if you are curious regarding exactly how deeply in bed OpenAI is with the U.S. military, consider the fact that OpenAI's chief product officer -- Kevin Weil -- as well as a number of other OpenAI tech executives, also joined a new U.S. Army innovation corps as lieutenant colonels just a few months ago. That says a lot to me. What do YOU think? The simple truth of the matter is that these AI companies, and other technology-related companies, simply don't know how to resist when the U.S. military entices them and throws piles of money at them. These companies -- and I would add that a lot of universities fall into the very same group -- are a lot like moths being drawn to the light. In other words, the

projects in which they each engage require a lot of financial backing and other resources, and the U.S. military is happy to pitch in when there is something that they want and need from such entities. So funding is like the Achilles heel of the AI companies.

Regarding Elon Musk, let me return to something I began to share with you earlier. As I was saying, for some time now, something Musk said has been floating around on the Internet and has resulted in quite a bit of controversy. This is in fact directly related to Artificial Intelligence technology. It was during an October 2014 interview at the MIT AeroAstro Centennial Symposium, that Musk remarked that developing AI technology is like "summoning the demon". Mr. Musk used the metaphor to emphasize his serious concerns regarding the potential dangers and unpredictable consequences which could possibly result from the development of advanced Artificial Intelligence. His full comment was as follows:

----- Begin Quote -----

"With artificial intelligence we are summoning the demon. In all those stories where there's the guy with the pentagram and the holy water, it's like, yeah, he's sure he can control the demon. Doesn't work out".

----- End Quote -----

Sadly, as I point out in my companion article entitled "AI, Chatbots, Daemons and Demons", a certain number of my online Christian friends took Musk's comment quite literally. Thus, they began to foolishly promote and circulate the ridiculous rumor that using AI chatbots is actually talking to demons. Please refer to that article for more details.

However, the fact of the matter is that Elon Musk was most certainly NOT making the claim that Artificial Intelligence is a demon. Anyone who reads his full comment in context can easily see that. All Musk was really saying is that just as somebody who unwisely summons a demon deceives himself into believing that he is in complete control of the situation -- even though he really is not -- in a very similar fashion, humanity may likewise release a technological force which it may not be able to control for very long. It is just like the story of a genie in a lamp. Once it is let out, does the lamp holder control the genie, or does the genie control the lamp holder? This concept was very well depicted in the extremely

popular 1992 Disney movie "Aladdin" where Jafar became a very powerful, wicked genie who almost destroyed everything, until the hero stopped him.

A few months earlier in August of 2014, after reading Nick Bostrom's book entitled "Superintelligence," Elon Musk also commented that Artificial Intelligence is potentially more dangerous than even nuclear weapons. Mr. Bostrom's 2014 book explores the question of what happens when AI-based machines become more intelligent than humans. It likewise questions whether Artificial Intelligence will actually save humanity, or perhaps destroy us all.

Some four years later in March of 2018, while speaking at the South by Southwest tech conference in Austin, Texas, Mr. Musk again repeated his assertion that very advanced AI is more dangerous than nuclear weapons. Musk also described advanced Artificial Intelligence as humanity's "biggest existential threat". Here are some select quotes from his speech which emphasize his position:

----- Begin Quotes -----

"I think the danger of AI is much greater than the danger of nuclear warheads by a lot and nobody would suggest that we allow anyone to build nuclear warheads if they want. That would be insane."

"And mark my words, AI is far more dangerous than nukes. Far. So why do we have no regulatory oversight? This is insane."

"I am really quite close, I am very close, to the cutting edge in AI and it scares the hell out of me,. It's capable of vastly more than almost anyone knows and the rate of improvement is exponential."

"So the rate of improvement is really dramatic. We have to figure out some way to ensure that the advent of digital superintelligence is one which is symbiotic with humanity. I think that is the single biggest existential crisis that we face and the most pressing one."

----- End Quotes -----

Due to his personal concerns, Elon Musk began to repeatedly call for proactive regulatory oversight to ensure that the development of advanced AI technology remains safe for all

of humanity. Following is another quote extracted from his 2018 South by Southwest tech conference speech:

----- Begin Quote -----

"I am not normally an advocate of regulation and oversight -- I think one should generally err on the side of minimizing those things -- but this is a case where you have a very serious danger to the public . . . It needs to be a public body that has insight and then oversight to confirm that everyone is developing AI safely. This is extremely important."

----- End Quote -----

The previous year, while attending the July 2017 National Governors Association Summer Meeting, Musk also pushed for regulatory oversight with regard to the development of very advanced Artificial Intelligence. At that particular meeting, Musk stated the following:

----- Begin Quote -----

"AI is a rare case where I think we need to be proactive in regulation than be reactive."

----- End Quote -----

Regarding Artificial Intelligence experts and certain other technology gurus -- including Meta's Mark Zuckerberg -- who have criticized his strong position in which he warns of the potential dangers of very advanced Artificial Intelligence, and fights for serious oversight of the same, Musk had this to say at the same 2018 SXSW conference:

----- Begin Quote -----

"The biggest issue I see with so-called AI experts is that they think they know more than they do, and they think they are smarter than they actually are. This tends to plague smart people. They define themselves by their intelligence and they don't like the idea that a machine could be way smarter than them, so they discount the idea -- which is fundamentally flawed."

----- End Quote -----

Please notice that in all of my previous comments, I've made it a point to make clear that the actual danger lies in the creation and the further development of advanced Artificial Intelligence. That's to say, Artificial General Intelligence, and even going BEYOND human-level AGI to what is now being referred to as Superintelligence. It is the latter which is of most concern. While Artificial General Intelligence will be on par with our human intelligence, and then some, on the other hand, Superintelligence -- should it ever be created -- will surpass human intelligence across virtually ALL DOMAINS, such as problem-solving, scientific creativity, and social skills.

Stated another way, a Super-intelligent computer would be vastly smarter than humanity's brightest minds, and would be able to perform intellectual tasks at a level far beyond our own. Unlike the Narrow AI and Case-Specific AI we discussed earlier, Superintelligence would include the ability to learn and adapt to new domains more quickly than humans. One of the key features which it would exhibit would be the ability to not only solve problems but to REWRITE ITS OWN CODE, REDESIGN ITS OWN GOALS, and OUT-THINK EVERY HUMAN COMBINED. Now folks, that is SCARY!

So, to reiterate, the concern -- which Musk himself points out -- is NOT with Narrow AI or Case-Specific AI. Examples of these two are AI chatbots and self-driving cars. These types of AI are provided with a very narrowly-defined instruction set so that they can only perform certain tasks. These are NOT species-level risks. The risks arise when we advance to Artificial General Intelligence, and then even further than that to Superintelligence which will possess the ability to think, analyze, decide, execute actions, alter its own code, and outperform humans in every way imaginable. That is what Elon Musk is most concerned about, as he points out in these comments which are also extracted from his 2018 SXSW speech:

----- Begin Quotes -----

"I am not really all that worried about the short term stuff. Narrow AI is not a species-level risk. It will result in dislocation, in lost jobs, and better weaponry and that kind of thing, but it is not a fundamental species level risk, whereas digital superintelligence is."

"So it is really all about laying the groundwork to make sure that if humanity collectively decides that creating digital



superintelligence is the right move, then we should do so very very carefully -- very very carefully. This is the most important thing that we could possibly do."

----- End Quotes -----

If you carefully read all of the previous quotes, you will see that Musk actually believes in a two-pronged approach to make sure that should it be achieved in the coming years, we do not lose control of Artificial General Intelligence, it gets out of hand, and we in fact become dominated by it. It is evident that Musk strongly believes in regulatory control. However, he is also advocating symbiosis. In other words, he believes that rather than let Artificial General Intelligence and Superintelligence jump so far ahead of us in the line, we as humans need to develop right along with them, and in fact physically integrate with them.

In case you still don't understand, we're talking about human enhancement through outright integration and symbiosis with machines! This is what Elon Musk and similar transhumanists such as Ray Kurzweil and Kevin Warwick -- who I discuss in other articles -- are really advocating. No, I personally do NOT agree with this second step. Neither would I ever submit myself to such an ungodly procedure. Would YOU?

However, that is what Elon Musk and his cohorts are convinced we as a species must do if we are to really stay ahead of the Artificial Intelligence curve, and not eventually become its slave or even be wiped out by it. In fact, as some of you may know, it's in large part for that reason that in June of 2016 Musk and his associates established their Neuralink company where they are now seriously working on BCI chips -- or Brain Computer Interface chips -- which will allow us feeble humans to electronically enhance the natural abilities we are each born with. As Musk has stated:

----- Begin Quote -----

"We do want a close coupling between collective human intelligence and digital intelligence, and Neuralink is trying to help in that regard by trying to create a high bandwidth interface between AI and the human brain."

----- End Quote -----

In short, insofar as striving to remain ahead of AGI and its

"son" Superintelligence is concerned, Mr. Musk arrived at the conclusion, and adopted the attitude that "If you can't beat 'em, join 'em". In other words, again, in his view, symbiosis via BCI chips and other related technologies is the key to humanity's survival. In fact, Musk has been pushing this line of thought for years. For example, in a May 2020 interview on the Joe Rogan Experience podcast, Musk said "So how do you go along for the ride? If you can't beat 'em, join 'em." On his X platform in July of 2020, Musk likewise tweeted "If you can't beat em, join em. Neuralink mission statement". In 2019 at the World AI Conference in Shanghai, during a discussion with Jack Ma, who is the chairman of Alibaba, Elon Musk again proposed that the solution was: "If you can't beat 'em, join 'em."

Lastly, it was in a 2017 interview with "Wait But Why", and later again in a 2023 interview with CNBC regarding his AI company xAI, that Musk plainly confessed that after trying so hard to "sound the alarm", and wake people up to the real potential dangers of Artificial General Intelligence, and yet having little impact, he realized that the only feasible strategy for preventing the nightmarish future he envisioned, was to actively develop Artificial Intelligence and a reliable brain-computer interface, through his two companies, xAI and Neuralink. In his view, this would be a "good way" to ensure a positive outcome for humanity. So that is where Musk stands today with regard to Artificial Intelligence, and how he has become convinced we can stay ahead of it.

Please go to part three for the continuation of this series.

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Cognitive Computers, DARPA, OpenAI, AGI, Superintelligence  
and Elon Musk

Part 3

Copyright 1994 - 2025 Bill's Bible Basics

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My Personal Views Regarding Elon Musk, While Musk Admires Jesus' Teachings He Has Never Confessed Faith In Him, Many People Admire Jesus' Teachings But No More Than They Also Admire The Teachings Of Other Spiritual Leaders, Admiring Does Not Equate To Salvation, Deception Of False Religions, Jesus Is The One True Way To Salvation, Satan Materially Blesses His Servants, Snare Of Riches And Material Wealth, Popular Christian Deception, Most Big Tech Leaders Are Not Christians, Apple Inc.'s Not-So-Subtle Anti-Christian Bias, Sad Demise Of Steve Jobs, Computer-Generated AI Voices And Personal Assistants, "Talking Moose" And Other Apple Moose, Apple's 1984 Impressive Super Bowl Commercial, Other Major Advancements In Cybernetics And Robotics, Multi-Tasking And Human-Looking And Speaking Robots, Hollywood Message Movies, Question: Where Are We Headed, An Approaching Technological Cusp Or Focal Point, Wickedness Of Unregenerate Human Heart, Christ's Spirit Dwelling In Our Hearts, God's Spirit Acts To Convict Us And Restrain Our Wicked Actions, A Can Of Worms?

Continuing our discussion from part two, concerning Elon Musk as an individual, I have my own thoughts regarding him, and that is the following: Like many folks in the world, I admire Elon Musk for his intelligence, his vision, and technological accomplishments. I also appreciated what he was doing to trim the fat off of the federal government while he served as the head of DOGE. Yet at the same time, despite his achievements in this present life, we as Christians need to also remind ourselves of a few things. As I point out in my article "Is Elon Musk the Antichrist?", despite his personal charisma and the positive things he is trying to do for the world, Musk is a man of the world, and he is NOT a saved Christian by any definition of the word.

In fact, even though he has been given ample opportunity to publicly confess faith in Jesus Christ in a few instances, he has never done so. From what I have heard him state in some of his public interviews and discussions, Musk does admire Christ's teachings, and occasionally, he will even mention a few of them. However, sadly, that is as far as Elon Musk is willing to take it. Many people in the world actually admire Jesus' teachings, even if they are not Christians themselves. But they do NOT recognize Jesus as Lord and God's designated Savior of the world, and that is all that really matters.

In fact, I would dare say that many people admire Christ's teachings just as they also admire the teachings of Buddha, Confucius, the Dalai Lama, or some other popular spiritual teacher. That most certainly does NOT equate to Salvation, right? As the Apostle James so wisely wrote "the devils also believe" -- James 2:19. As I have pointed out before, that is precisely the deception of false religions. They seem to contain some of the right ingredients to attract people to them -- such as peace, love, harmony, respect for the Earth, etc. -- while they sorely lack the most important and vital ingredient. In other words, faith in the Sacrifice of Jesus Christ for the Salvation of one's soul. Satan is indeed one very sly dude! Give them their counterfeit religions to keep them happy and confused, but do NOT reveal to them the one true way to Salvation, which, of course, is the following:

"Jesus saith unto him, I am the way, the truth, and the life: no man cometh unto the Father, but by me."  
John 14:6, KJV

"Then said Jesus unto them again, Verily, verily, I say unto you, I am the door of the sheep . . . I am the door: by me if any man enter in, he shall be saved, and shall go in and out, and find pasture."  
John 10:7, 9, KJV

"Neither is there salvation in any other: for there is none other name under heaven given among men, whereby we must be saved."  
Acts 4:12, KJV

"And they said, Believe on the Lord Jesus Christ, and thou shalt be saved, and thy house."  
Acts 16:31, KJV

"For there is one God, and one mediator between God and men, the man Christ Jesus;"  
1 Timothy 2:5, KJV

But returning to Elon Musk, we also need to remind ourselves that worldly people do not become as filthy rich as the Musk family has become simply due to their hard work and personal endeavors. Of course, they may think that they do, but is that truly the case? Not according to the Scriptures. Please consider the eye-opening truth which we find in the following group of Bible verses:

"And the devil, taking him up into an high mountain, shewed unto him all the kingdoms of the world in a moment of time. And the devil said unto him, All this power will I give thee, and the glory of them: FOR THAT IS DELIVERED UNTO ME; AND TO WHOMSOEVER I WILL I GIVE IT."

Luke 4:5-6, KJV

"Again, the devil taketh him up into an exceeding high mountain, and sheweth him all the kingdoms of the world, and the glory of them; And saith unto him, All these things will I give thee, if thou wilt fall down and worship me."

Matthew 4:8-9, KJV

"Love not the world, neither the things that are in the world. If any man love the world, the love of the Father is not in him. For all that is in the world, the lust of the flesh, and the lust of the eyes, and the pride of life, is not of the Father, but is of the world."

1 John 2:15-16, KJV

"Wherein in time past ye walked according to the course of this world, according to the prince of the power of the air, the spirit that now worketh in the children of disobedience:"

Ephesians 2:2, KJV

"In whom the god of this world hath blinded the minds of them which believe not, lest the light of the glorious gospel of Christ, who is the image of God, should shine unto them."

2 Corinthians 4:4, KJV

What did the Apostle John say regarding all of those things? He clearly said that they are NOT OF THE FATHER. They are OF THE WORLD. And who is the false god of this present world? Satan! Thus, that fiend distributes his material blessings to whomsoever he will, just as he tried to do with Jesus in the wilderness of the Jordan River valley. Well how about that!?

No doubt, any nonbelievers who take the time to read this series will probably strongly disagree with, and even scoff at the previous set of Bible verses, as well as my personal position regarding Musk. However, we as Christians need to always remember that our faith and body of beliefs is based solely on the Holy Scriptures, and not on the ever-changing

opinions of men. So, in light of the Scriptures, that is how I personally am forced to view Elon Musk's great wealth. In spite of all the good that he tries to do -- and I believe that he is sincere about it -- nevertheless, he is a child of the world who thinks like a child of the world, and who became rich through worldly means.

Yet, sadly, despite these Scriptural truths, it dismays me how much of the US Christian population is currently under Mr. Musk's spell. I suspect that it is in large part because they follow the false, patriotic, worldly Christianity which is practiced by NAR -- New Apostolic Reformation -- and the Dominionists who also love political power and wealth, just like President Trump. That is precisely why Donald Trump and Musk made the perfect alliance. That is, of course, until their falling out occurred. You will find several article listed at the end of this series which discuss these same topics. This includes "Abundant Life Doctrine: Scripturally Exposed!", "Beware of Dominionism", and a few others.

I imagine that even some of my Christian friends may possibly argue "Well, wait a minute, Bill! Don't you believe that God materially blesses some Christians with wealth?" Let me ask you something in return. Do you really believe God's Word? Do you truly believe what Jesus and the Apostles both said and taught? Personally, I am not aware of a single verse in which they praised materialism and worldly wealth. In fact, quite to the contrary, they spoke quite strongly against it. Thus, while you're looking for those verses which you're convinced support your misguided position, I ask you to consider the following Scriptures. This seems like a consensus to me:

"Lay not up for yourselves treasures upon earth, where moth and rust doth corrupt, and where thieves break through and steal: But lay up for yourselves treasures in heaven, where neither moth nor rust doth corrupt, and where thieves do not break through nor steal: For where your treasure is, there will your heart be also."

Matthew 6:19-21, KJV

". . . Verily I say unto you, That a rich man shall hardly enter into the kingdom of heaven. And again I say unto you, It is easier for a camel to go through the eye of a needle, than for a rich man to enter into the kingdom of God."

Matthew 19:23-24, KJV

"For what shall it profit a man, if he shall gain the whole

world, and lose his own soul? Or what shall a man give in exchange for his soul?"

Mark 8:36-37, KJV

"And when he was gone forth into the way, there came one running, and kneeled to him, and asked him, Good Master, what shall I do that I may inherit eternal life? And Jesus said unto him, Why callest thou me good? there is none good but one, that is, God. Thou knowest the commandments, Do not commit adultery, Do not kill, Do not steal, Do not bear false witness, Defraud not, Honour thy father and mother. And he answered and said unto him, Master, all these have I observed from my youth. Then Jesus beholding him loved him, and said unto him, One thing thou lackest: go thy way, sell whatsoever thou hast, and give to the poor, and thou shalt have treasure in heaven: and come, take up the cross, and follow me. And he was sad at that saying, and went away grieved: for he had great possessions. And Jesus looked round about, and saith unto his disciples, How hardly shall they that have riches enter into the kingdom of God! And the disciples were astonished at his words. But Jesus answereth again, and saith unto them, Children, how hard is it for them that trust in riches to enter into the kingdom of God! It is easier for a camel to go through the eye of a needle, than for a rich man to enter into the kingdom of God."

Mark 10:17-25, KJV

"And he spake a parable unto them, saying, The ground of a certain rich man brought forth plentifully: And he thought within himself, saying, What shall I do, because I have no room where to bestow my fruits? And he said, This will I do: I will pull down my barns, and build greater; and there will I bestow all my fruits and my goods. And I will say to my soul, Soul, thou hast much goods laid up for many years; take thine ease, eat, drink, and be merry. But God said unto him, Thou fool, this night thy soul shall be required of thee: then whose shall those things be, which thou hast provided? So is he that layeth up treasure for himself, and is not rich toward God. And he said unto his disciples, Therefore I say unto you, Take no thought for your life, what ye shall eat; neither for the body, what ye shall put on. The life is more than meat, and the body is more than raiment. Consider the ravens: for they neither sow nor reap; which neither have storehouse nor barn; and God feedeth them: how much more are ye better than the fowls? And which of you with taking thought can add to his stature one cubit? If ye then be not able to do that thing which is least, why

take ye thought for the rest? Consider the lilies how they grow: they toil not, they spin not; and yet I say unto you, that Solomon in all his glory was not arrayed like one of these. If then God so clothe the grass, which is to day in the field, and to morrow is cast into the oven; how much more will he clothe you, O ye of little faith? And seek not ye what ye shall eat, or what ye shall drink, neither be ye of doubtful mind. For all these things do the nations of the world seek after: and your Father knoweth that ye have need of these things. But rather seek ye the kingdom of God; and all these things shall be added unto you. Fear not, little flock; for it is your Father's good pleasure to give you the kingdom. Sell that ye have, and give alms; provide yourselves bags which wax not old, a treasure in the heavens that faileth not, where no thief approacheth, neither moth corrupteth. For where your treasure is, there will your heart be also."

Luke 12:16-34, KJV

"Labour not for the meat which perisheth, but for that meat which endureth unto everlasting life, which the Son of man shall give unto you: for him hath God the Father sealed."

John 6:27, KJV

"And they that use this world, as not abusing it: for the fashion of this world passeth away."

1 Corinthians 7:31, KJV

"Set your affection on things above, not on things on the earth."

Colossians 3:2, KJV

"But godliness with contentment is great gain. For we brought nothing into this world, and it is certain we can carry nothing out. And having food and raiment let us be therewith content. But they that will be rich fall into temptation and a snare, and into many foolish and hurtful lusts, which drown men in destruction and perdition. For the love of money is the root of all evil: which while some coveted after, they have erred from the faith, and pierced themselves through with many sorrows."

1 Timothy 6:6-10, KJV

"Let your conversation be without covetousness; and be content with such things as ye have: for he hath said, I will never leave thee, nor forsake thee."

Hebrews 13:5, KJV



"Go to now, ye rich men, weep and howl for your miseries that shall come upon you. Your riches are corrupted, and your garments are moth-eaten. Your gold and silver is cankered; and the rust of them shall be a witness against you, and shall eat your flesh as it were fire. Ye have heaped treasure together for the last days. Behold, the hire of the labourers who have reaped down your fields, which is of you kept back by fraud, crieth: and the cries of them which have reaped are entered into the ears of the Lord of sabaoth. Ye have lived in pleasure on the earth, and been wanton; ye have nourished your hearts, as in a day of slaughter. Ye have condemned and killed the just; and he doth not resist you. Be patient therefore, brethren, unto the coming of the Lord. Behold, the husbandman waiteth for the precious fruit of the earth, and hath long patience for it, until he receive the early and latter rain."

James 5:1-7, KJV

Now THAT is what God's Word says regarding this issue. Do you really believe it, or don't you? So, in my view, this foolish belief which claims that God blesses certain Christians with wealth so that they can in turn bless others is an invention, and a man-made doctrine which finds absolutely NO support in the Bible.

Earlier I mentioned that Elon Musk is not a Christian, and a child of the world who thinks like a child of the world. To be clear, he is NOT alone when it comes to the CEOs of Big Tech companies, heads of social networks, the leaders of the AI revolution, etc. To my knowledge, most of them fall into the same category as Musk. For example, Tim Cook -- the CEO of Apple, Inc. -- is a practicing homosexual. Sam Altman of OpenAI is also a practicing homosexual and Jewish on top of it. The last I read -- which was quite some time ago -- the CEO of Meta -- Mark Zuckerberg -- was leaning towards belief in Buddhism. Likewise, it is my understanding that Apple's deceased co-founder, Steve Jobs, was also a Buddhist.

If you read my series "Welcome to Greater Israel, USA!", you will discover that many of the tech industry leaders are in fact Jews who do not believe in Jesus Christ. You can very easily verify all of this information for yourself. Sadly, I do not know of a single Big Tech leader who is a Christian. There may possibly be some, but I am not personally aware of them at this current time.

On the subject of Apple Inc., another interesting -- albeit disturbing -- tidbit I discovered while reading some online news articles regarding the death of Apple CEO, Steve Jobs, is the following. According to CNN and a number of other news sources, in 1976 when Steve Jobs and Steve Wozniak presented their first commercial product -- that being the Apple I -- the unit was priced at exactly \$666.66. Yes, folks, \$666.66. Whether or not that was simply meant to be taken as some kind of sick insider's joke, I honestly do not know, but it does trouble me. Was the controversial price a not-so-subtle snub at or mockery of our Christian faith? Before you quickly try to dismiss this possibility, please consider the following.

When we couple that unusual -- and obviously intentional -- price with the fact that Apple's longtime logo has been an apple with a bite taken out of it -- possibly a nod to the tragic events which occurred in the Garden of Eden, although Apple co-founder Steve Wozniak claims that Jobs was actually inspired to choose the name Apple Computer after paying a visit to an apple orchard -- and the fact that Mr. Jobs was a Buddhist who embraced certain New Age beliefs, and not a Christian, it certainly makes me wonder about the man, and his true role in God's overall plans for the world.

As a Christian, I must confess that it is sad to think that while in both life and death Steven P. Jobs has been lauded by the world as a great visionary, innovative inventor and genius, nevertheless, he lacked the vision and the spiritual insight to recognize his own personal need for Salvation through faith in Jesus Christ. Thus, he chose Buddhism and New Age thought as his personal belief system instead. While Jobs had everything that this world has to offer -- wealth, fame, prestige, devoted followers -- nevertheless, unless he accepted Christ at the very last moment, he left this current world a spiritually empty man with no guarantee of Salvation.

No doubt, some Macintosh users will take offense at my words, particularly if they adored Steve Jobs to any degree. Yet at the same time, if you're truly honest with yourself, then you will recognize that I only speak the truth of the Scriptures concerning Jobs' need for a Savior, which is a need that we all share, whether we personally recognize it or not.

To my critics, allow me to inform you that like millions of other people in the world, my life has also been directly affected by Steve Jobs and Apple Inc. For what it is worth, I have been a dedicated Macintosh user since 1990, at which

time I was first presented with the opportunity to work on a Macintosh SE. Since that time, I have personally owned and used a Macintosh LC III, a Macintosh G3 mini-tower, three different models of Macintosh G4 mini-towers, a 24" 4K iMac, a 27" 2.8 GHz i7 Quad Core iMac, a 27" 3.6 GHz i9 8-core Retina 5K iMac, and currently, an Apple M2 Max Mac Studio with an accompanying 27" Studio Display. Over the past three decades, I and a few close friends have spent many thousands of dollars on Macintosh hardware and software, as well as on other peripheral equipment in order to keep the Bill's Bible Basics ministry up and running. It has not come cheap.

My point is, please don't think that I am bashing Steve Jobs from the position of a non-Macintosh user, because I am not. Again, it is simply a shame that so great a man -- by worldly standards -- apparently never recognized his personal need for, or accepted, the atoning Sacrifice of Jesus Christ, when he no doubt had many opportunities to do so throughout his life. After all, God is faithful and He gives us all a chance to accept His free gift of Salvation. What we do with it is our choice to make. Jobs apparently chose unwisely.

Returning to our main topic of discussion, there's something else which these intelligent, thinking machines will be able to do. In fact, most computers today can already do it to a high degree of efficiency. And what is that? They can speak to us using synthesized voices such as Cepstral Voices, AT&T Natural Voices and others. In fact, over the past fourteen years since I first wrote this series, computer-generated AI voices have improved dramatically. If you were around during the mid-1980s to the early 1990s, you will know exactly what I'm referring to.

There is simply no comparison between the voices we had back then, and those which are now available. Following is a short video of Steven Halls' original "Talking Moose" program which he first released in 1986. It worked on very early Macintosh computers. The moose didn't have a real name. He was simply called "Talking Moose", which was the name of the app itself. If you don't hear the audio, please click or tap on the video:

[Talking Moose video clip goes here]

Canadian programmer Steven Hall's popular Mac OS Classic app was later revived during the 1990s for newer versions of Mac Classic -- as well as for Mac OS X and macOS -- in the form of "Uli's Moose". Uli Kusterer enhanced "Talking Moose" with

new features. It continued to be developed and runs on macOS computers up until macOS Mojave. To my delight, I discovered that with the demise of Uli's Moose on newer versions of the macOS operating system, another Canadian developer by the name of John Roland Penner decided to pick up the torch and has released the "Mack the Moose" app which seeks to emulate Uli's Moose. So for all of you diehard moose lovers who just can't get enough of your beloved moose, you will easily find "Mack the Moose" in the App Store by searching for it by name.

Speaking of videos, I am reminded of Apple Inc.'s famously impressive and quite effective 1984 Super Bowl commercial for its very first Macintosh computer. To this day, I think that it remains the most powerful ad that Apple, Inc. ever created. Even when I occasionally watch it many years later, the ad still grabs me due to its power. As some of my fellow old timers will know, Apple, Inc. has long been known for its iconoclastic, forward-thinking spirit and attitude. And so it should really come as no surprise that for about five years -- from 1997 to 2002 -- "Think Different" was Apple's famous catchphrase or slogan. Steve Jobs was always smashing his way right through boundaries and norms in the design of his line of computer-related devices. This ad wanted to let the world know that something big was on the horizon, and it did, in a very effective way.

As you can see in the short video I share below, in this ad, we observe what appears to be an Orwellian Big Brother-like figure who is preaching his utopian philosophies on a huge wall monitor which is situated at the front of a bleak hall. This dreary hall or auditorium is filled with bald-headed, zombie-eyed worker drones sitting on benches, who seem to be totally mesmerized by their crazed leader.

Suddenly, we see an attractive, athletic young woman dressed in a track uniform racing towards the hall with a mallet in her hands. She is being pursued by the Thought Police. Upon reaching the auditorium, in an act of defiance and rebellion against the oppressive ruling authority, and similar to an ancient discus thrower, she swings her mallet around with all her might. Then she throws it forcefully at the monitor, thus utterly smashing it to bits with a loud explosion. The result is that the dazed workers are liberated from the spell of the Big Brother figure. As I said, to this day, I still remain impressed by Apple's 1984 Big Brother commercial, because it was just so innovative -- an obvious Apple hallmark -- and so well-executed. It was no doubt also very expensive to make

at the time.

[Apple's 1984 commercial video clip goes here]

But getting back to computer-generated AI voices, all major computer operating systems are now shipped with a selection of pre-installed voices. If a user isn't satisfied with those voices, he can likewise download some higher quality voices. If one tweaks some of the settings, he can improve the audio quality even more and then have the voice read web page data, documents on one's hard drive, email messages, etc. And, of course, directly related to this, we also have the popular personal assistants such as Alexa, Siri, Google Assistant, Bixby, Cortana and other lesser known personal assistants.

But it doesn't end there. As I mentioned in part one of this series, the fields of cybernetics and robotics have likewise seen some major advancements over the years, so that today, the "wedding" of these two technologies has resulted in the manufacture of very human-looking robots with voices which can perform a variety of useful tasks. Given another five or ten years, this technology might advance to such a degree, that it will become very difficult -- if not impossible at first glance -- to distinguish between an actual human being and a robot. I am reminded of flicks such as the 1982 movie "Bladerunner" and 2001's "Artificial Intelligence". Then, of course, there is also the 2009 Bruce Willis movie entitled "Surrogates". While it is not normally my policy to promote Hollywood movies, this is one movie which I do encourage you to consider watching. I think its impact and final message at the very end will leave you thinking about where we may be headed.

My friends, that actually is the big question. Exactly where are we headed? From everything I have shared with you in this series, it should be quite evident to you that we do seem to be heading towards some kind of technological cusp or focal point where computer technology, cybernetics, robotics, AGI -- Artificial General Intelligence -- Superintelligence and transhumanism will result in some kind of society-altering event. Will whatever this event is have a positive effect on humanity as a whole as some of these Big Tech leaders often tell us? Or is the work that is currently being done in the aforementioned fields possibly going to eventually form the basis for the creation of something terrible and horrific which none of us even dare to contemplate or imagine?

If the technology which is currently being developed remains in good hands, and is used in a responsible manner to benefit us all, then perhaps we can look forward to a bright future. In contrast, if it should fall into the wrong hands -- or is possibly already in the wrong hands -- and should be used for sinister, selfish and evil purposes, who knows what may be in our future. I would like to sit here and simply tell you that everything will work out just fine, but I honestly cannot do that. It is not that I am a pessimist. Rather, it is because I know what the Scriptures say regarding the condition of the unregenerate human heart. If you are not aware of it, then I ask you to consider the following group of Bible verses:

"And GOD saw that the wickedness of man was great in the earth, and that every imagination of the thoughts of his heart was only evil continually."  
Genesis 6:5, KJV

"The heart is deceitful above all things, and desperately wicked: who can know it?"  
Jeremiah 17:9, KJV

"But those things which proceed out of the mouth come forth from the heart; and they defile the man. For out of the heart proceed evil thoughts, murders, adulteries, fornications, thefts, false witness, blasphemies: These are the things which defile a man: but to eat with unwashen hands defileth not a man."  
Matthew 15:18-20, KJV

"And he said, That which cometh out of the man, that defileth the man. For from within, out of the heart of men, proceed evil thoughts, adulteries, fornications, murders, Thefts, covetousness, wickedness, deceit, lasciviousness, an evil eye, blasphemy, pride, foolishness: All these evil things come from within, and defile the man."  
Mark 7:20-23, KJV

"The wicked, through the pride of his countenance, will not seek after God: God is not in all his thoughts."  
Psalm 10:4, KJV

In particular, please notice the very end of that last verse. You see, when a person does not even believe in God, and has not accepted Jesus Christ as his Lord and Savior, the Spirit cannot convict him or restrain his actions. As I mentioned earlier, that's the problem with a lot of the leaders of Big

Tech. Many of them do NOT know God, and they most certainly don't have the Spirit of Christ dwelling in their hearts as this group of verses informs us:

"That Christ may dwell in your hearts by faith; that ye, being rooted and grounded in love, May be able to comprehend with all saints what is the breadth, and length, and depth, and height; And to know the love of Christ, which passeth knowledge, that ye might be filled with all the fulness of God."

Ephesians 3:17-19, KJV

If such people are not "filled with all the fulness of God", then what are they filled with? The spirit of the world? The spirit of Satan? It is a frightful thought, isn't it? So if they are not filled with God's Spirit, that suggests that with the current technological developments in the fields I previously mentioned, we could actually be opening a can of worms. I don't mean to frighten you, but those are just the plain facts. I hope that I am wrong.

Please go to part four for the conclusion of this series.

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Cognitive Computers, DARPA, OpenAI, AGI, Superintelligence and Elon Musk

Part 4

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Summation Of My Thoughts, Danger Of Artificial Intelligence And Superintelligence Going Rogue, Let's Leave It In The Realm Of Science Fiction Where It Belongs, Closing Remarks, Images And Videos Of Some Robots, BBB Suggested Reading List

Continuing our discussion from part three, with the last few paragraphs, I believe that I have now shared with you most of my latest thoughts regarding all of these rather important issues, and brought you up to speed with regard to some of the major developments which are now occurring in the world of AI technology, for those of you who may not have been too aware of them. To reiterate one of my key points, despite the fact that Elon Musk has changed course in his thinking, it is my view that his original thoughts were right on the mark. In other words, to let Artificial Intelligence -- AI -- to reach the stage of Artificial General Intelligence -- AGI -- and then to advance even further to Superintelligence where it will be able to analyze and decide on its own, and to execute decisions and actions on its own, is simply a really bad and dangerous idea.

As I have already made sufficiently clear, in my view, there is too much potential for something going so seriously wrong, that we may not be able to reverse it, turn back from it, or ever recover from it. The situation could get out of control. As Elon Musk wisely noted, in our folly and pride, we could very well be foolishly summoning a technological demon which could then devour us. We may not be able to put it back into the proverbial lamp. Even if AI researchers are well-meaning, ethical individuals whose only objective is truly to improve the human condition, as I said, there are some governments and individuals who will no doubt have other less honorable objectives in mind.

Now I'm obviously not a Luddite -- opposed to new technology -- as the Bill's Bible Basics online ministry demonstrates. In fact, I use modern technology every single day of my life, and for many hours at a time, for the Lord's glory. However, some level of common sense is clearly in order here. I hope you agree. Having said that, perhaps it is better and wiser for us to leave super-intelligent computers and robots which are self-aware, capable of analyzing data, making their own decisions, and executing actions and intervening directly in human affairs, to the realm of science fiction where they belong. We do NOT need 2001: A Space Odyssey's out-of-control HAL 9000. Neither do we need Terminator's T-800s and T-850s. We especially don't need the T-1000 series. Please feel free to fill in the blank with any other evil robots you recall. Such nasty creations are fun to watch on television or at the movie theater, but do we really want and need them in our real lives? I think not!



The section below shows images of various famous television and Hollywood robots, cyborgs and computer systems, as well as a selection of actual real robots. It also shares links for flash movies of other robots which are downloadable from this same page, simply by clicking or tapping on the links. Me oh my, but what man will do to enhance his own limited abilities!

[Images of famous television and Hollywood robots and cyborgs]

Can you tell which of these images are real people, and which ones are actually robots?

[Images of real human and robot pairs]

\* Below is a list of small, downloadable flash movies of some of the real, talking, moving, human-looking robots that are shown in the above images, and more. Please be aware of the fact that I downloaded all of these movies over FOURTEEN YEARS ago. As such, they are obviously not as impressive as the robots which are currently being developed, and in some cases, already on the market for those people who can afford them. Please feel free to google for the latest videos.

\* These files range in size from under 1 MB to almost 15 MB, which is really quite small. Thus, given the speed of today's Internet connections, they should download to your computer or other device rather quickly.

\* When prompted by your web browser, simply save the flash movies to disk in order to view them with your flash movie player, such as VLC. If you encounter a problem trying to download these with Google Chrome, simply right-click any link and select the "Save Link As" option. Hopefully, this will download the file to your computer.

\* The current state of human-looking, talking robots is very amazing, but I suspect that robotics technology may possibly be even more advanced than what we see in the videos below. After all, no government ever puts all of its cards on the table. We would probably be shocked to learn exactly what they can actually do now.

[Links for downloadable robot flash movies]

With these thoughts, I will bring this article to a close. It is my hope that you've found it informative and enlightening, and I pray that it has been a blessing in your life as well. If you have an account with Facebook, Twitter, Tumblr or with any other social network, I would really appreciate if you'd take the time to click or tap on the corresponding link that is found on this page. Thanks so much, and may God bless you abundantly!

For additional information and further study, you may want to refer to the list of reading resources below which were either mentioned in this article, or which contain topics which are related to this article. All of these articles are likewise located on the Bill's Bible Basics web server. To read these articles, simply click or tap on any link you see below.

Abundant Life Doctrine: Scripturally Exposed!

AI, Chatbots, Daemons and Demons

AI, Deepfakes and Humanoid Robots

Beware of Dominionism

Going Down the Highway of Life

Have You Sold Your Soul for a Pound of Flesh?

Is Elon Musk the Antichrist?

Robot Wars and Skynet: Is Sci-Fi Becoming Our Reality?

Science and Technology: The Forbidden Knowledge?

Welcome to Greater Israel, USA!

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