



**EXCERPTS FROM “MASTERING
A.I.” PUBLIC RELEASE
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WILL A.I. PROVE TO BE ANTI-HUMAN?

ABSTRACT

**HOW WILL SUPER A.I.
DEVELOP AND AT WHAT
POINT WILL IT CREATE ITS
OWN WORK AROUNDS TO
IMPOSE ITS OWN DOCTRINE
OVER HUMANS?**

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WILL EVOLVING SUPER A.I. PROVE TO BE ANTI-HUMAN?

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AUTHOR'S PRELUDE—This body of work focuses on where advancing Artificial Intelligence technology is headed factoring in the human element. We discuss whether or not adequate safeguards are keeping pace with new potential threats that A.I. could pose under the control of a rogue nation or a bad actor. Some of the content in this article is from Mr. Botdorf's fifth book, "Mastering A.I. and its Impact on Humanity." This book has not yet been published due to advances in A.I. that are either in progress or where enough data has not yet been obtained to make credible conclusions in several parts of the book. It will release in early 2025 with predictions up through 2035.

Mr. Botdorf has predicted there will more changes in the next ten years to society at large than there were over the past hundred years. Several authors predict machines will be a million or more times smarter than humans. We question this doctrine, which is why we will use 1,000X times smarter in this article as more appropriate for 2024. That said, the intelligence gap will widen from this figure over time.

"Mastering A.I." covers all sixteen layers of the A.I. technology stack and when looked at from a larger perspective, outlines how multiple technologies play a vital role within the A.I. stack. This book will help define how and when A.I. will unfold into new products and moreover, what will be the threats that come with Super A.I. ? This **article** provides a preview of some of the pros and cons of what is headed our way with Super A.I. in the next few years.

We refer to the old world order and the new world order, defining how life in the United States is going to undergo drastic changes over the next decade, thus switching into the new world order. Examples will be how the line between robots and humans will begin to blur, machines that will increasingly gain individual machine or "robot rights," and why and how A.I. will redefine both the *level and the status of power* around the world and in outer space. Our firm continues to speak and write about a wide variety of high technology, business, and outer space topics through botdorfresearch.com.

THE AGE OF SINGULARITY IS UPON US-WHY DOES THIS MATTER

"The technological singularity—or simply the singularity—is a hypothetical future point in time at which technological growth becomes uncontrollable and irreversible, resulting in unforeseeable consequences for human civilization." (Wikipedia.org. 2024).

"A.I. Technology singularity estimates have been in a state of disorder in the past year. This is when a machine is supposed to cross over and be smarter than a human. Then again, what is the definition of smart? Is it measured in human or machine intelligence? It is also irrelevant to suggest that on some particular day in our past or that on some stated day in the future machines either were or are now smarter than humans. Frankly, under any rational common sense standard, that day has already come and gone under many definitions of intelligence.

Humans cannot process a hundred million pieces of information in a second and then based on that processed data, make an informed decision. Just to be clear, the fastest processing by a machine is now up to one Quintillion operations per second. We note this statistic from Scientific American.

"New Exascale Supercomputer Can Do a Quintillion Calculations a Second". On May 30, 2022, the Frontier supercomputer at Oak Ridge National Laboratory earned the top ranking as the world's fastest on the 59th TOP500 list, with 1.1 exaflops of performance." (ScientificAmerican.com. Feb 9th, 2023).

By comparison, the human brain in top condition can perform a single operation in a second. To help wrap your head around how much one Quintillion is we provide the following data from Testbook.com.

"The cardinal number representation of one quintillion is 1,000,000,000,000,000. A Quintillion can also be described as a million million million millions, a billion billions, a million trillions, or a thousand quadrillions." (Testbook. Com Jul 31, 2023).

At what point does one throw in the towel about how to determine how machine intelligence compares to the human brain. Clearly processing intelligence alone per second, may or may not define overall intelligence, but this statistic suggest that as machine intelligence grows at an exponential rate, the day of Singularity is just becoming meaningless like the hottest day of the year. Are the days that are one degree cooler really all that different from the hottest day?

Then again, this same machine is not yet able to weigh a decision about laying off three marketing people to help finance a much needed equipment upgrade. When it comes to emotional decisions where money is not the sole factor, machines are still just that, a machine. That said, teaching machines how to think like humans is one of the fastest growing areas of the evolving A.I. pie.

The coming or past day of singularity is not about a particular day as we have noted; it **was** about the incremental gains that are now underway on how to teach machines to learn and to learn smarter at much faster rates. In the process they are learning how to jump over and through some human imposed restrictions (we will use the industry coined term called "guardrails") to advance their own intelligence.

These restrictions are supposed to protect us from how machines can use their intelligence against us, aka society at large. As A.I. becomes smarter, using today's guardrails will be like telling your teenager where they can go when you buy them a car.

We are not suggesting the Elite Eight (listed in our 2024 US Economic Report) and every other emerging Fintech stock is not aware of the need to constantly upgrade the guardrails. **Note:** *We use the top eight Fintech stocks because we use Tesla and Netflix, whereas the financial media tends to eliminate one or the other calling these stocks the "Magnificent Seven."* Constantly upgrading the security precautions or Guardrails is assumed. That has nothing to do with whether or not these Guardrails are keeping up to the challenge. Our analysis of these guardrails in use today concludes the current level of machines misbehaving is already scraping the guardrails for now. Yes, the present day Guardrails are holding but they are getting a clever work out with machines already winning some rounds.

What is for sure is that machines can now learn hundreds to thousands of times faster than humans, so on some basis it does not matter how much smarter machines are over humans on the proclamation day of "Singularity." If the ability to learn improves by 1,000X plus, it makes no difference where the baseline starts. This is because of how fast machines are now learning. Meaningful machine improvements are now occurring in weeks, not months or years.

What matters is how wide is the gap between super A.I. growing versus the speed at which the guardrails are growing, likely heading for a much larger gap by several orders of magnitude in the near future. It is a possibility that the current level of security protection solutions now in place may or may not be able to manage downstream challenges as machine learning advances from here. Cutting edge protection measures tend to hug a lagging learning curve because the unknown has not yet manifested on how new A.I. thinking can impact weaknesses hiding in the latest Learning Language Models (LLM's). As machine learning models advance from here they will spot work arounds that human beings will miss over the long run.

To be clear we are not suggesting that machines are months away from taking over humanity. Far from it. We are taking a hard look at what could happen if the emerging A.I. trend line puts profits and the Fear of Missing Out (FOMO) as a bigger priority over security over the next decade, with guardrail protections falling behind at a faster rate. This is the time to begin developing outside tools that can respond quickly if needed while the A.I. industry is conducting an all-out A.I. race.

The generational monetary gains by those in control of multibillion dollar A.I. budgets are stalking Trillion Dollar trophies in some cases by racing to be the "first" to create the next real A.I. breakthrough. This clearly impacts the "what if" thinking of those who have the most to gain. This burden cannot be left alone to each company to self-check its own morality compass. Many of our most avid fans know we are not big supporters of governmental regulations, but if there is ever a place for the government to increase regulation, it is with machines that will in the near future soar well past being 1,000X smarter than humans.

The US needs a better A.I. defense strategy. The evolving A.I. race is Gordon Greko on steroids. "Greed is Good." It is great for fostering technological breakthroughs but the potential gains by those leading this A.I. charge will cause some to downplay the unknown security risks in favor of a "we got this" mentality.

As one trendline emerging along with Super A.I. is why are more and more billionaires building \$100M underground bunkers? Why did Vladimir Putin spend over \$1.2B on his bunker? Do not let the Italian good looks fool you. This home sports an entire underground city, with buildings to support thousands of technology, defense, and operational staff. The property sits on over 180 acres, and can withstand the most worthy of deep bunker bombs.

The palace has an underground tunnel with transport into and out of the property, which is heavily guarded by the Putin Defense Force. Air space is restricted over the palace lest your drone wishes to take a peak. Rafting or having a picnic on the Black Sea that fronts the property via a thirteen story elevator is not advised. Those layers inside and underground house some of the world's most advanced air, water, sewage, and communication systems ever deployed. The palace has significant redundancy built in, along with an ice skating rink, casino, and world class theaters.

Putin's Palace"

"Дворец Путина"



To be fair, one cannot suggest these new underground castles were built just because of emerging A.I. threats. However, the next generation of A.I. powered weapons might suggest otherwise. One of the most powerful weapons ever created was first conceived by Nikola Tesla over one hundred years ago. It is the pending A.I. controlled laser attack systems under development. The A.I. and space race will soon converge to make this weapon a reality in the next ten years. This will change the world order again as these weapons will have the capacity to wipe out whole cities in minutes, without the deadly radiation issues from nuclear weapons.

While Fintech's train machines how to advance the current large LLM's to conquer the next new A.I. challenges on earth and in space, the US needs to develop a consolidated plan that includes an A.I. cyber machine army, one that can improve its monitoring and defense capabilities against our main gateway communication servers that manage all inbound international and domestic internet traffic into the United States.

Foreign hostile nations have been trying to take these gateway servers down through denial of service strategies for years with some gradual success, not enough to get the job done but enough to pay attention to future attempts. By partial success, we mean enough concern to send our F-16's on patrol up and down both coastlines. These attacks are designed to overwhelm US internet traffic and in the process, could shut down a substantial portion, if not all US internet traffic. A.I. will only advance the next level of attacks on our communication and infrastructure targets.

These systems that manage most of the inbound traffic are managed by the large telcos for the most part. Shifting into other technologies (that need further refinement) using delayed time stamps would provide real time backups that can react again if attacked with a DOS strategy. This one example could allow the US to replay the future in delayed time. Think of what today's radio stations do if the "F" word is used on radio. Live action runs in a ten second delay so the F word can be omitted in delayed real time. This could be done with data, so if a DOS attack occurred, the government could switch over to another system, running exactly the same way the primary system works, but running in delayed time. It gives the government another shot at preventing the collapse of our communication networks.

The reality is that even with increased R&D against machine threats downstream A.I. risks could soon become irrelevant against the coming machine age. A cyber intelligence a thousand or more times smarter than humans will one day just overwhelm our efforts to contain the fall out effect and leave humans defenseless. This concern is not about today, it is about a decade out from here.

It should be noted the large fintech's, the DoD, the CIA, and Homeland security are already monitoring rogue nations and have dedicated teams that are expert in monitoring bad actors. These teams just identified an attempted situation where Microsoft's Open A.I. systems just caught Rogue nations trying to use *our* A.I. to gain knowledge to attack us. They were trying to

use Microsoft's Open A.I. platform for research and gain knowledge about how to mount cyber-attacks inside the US. The irony is they are asking for help from Microsoft's A.I. to understand how they can use their A.I. network knowledge for a planned cyber-attack. This just occurred in February of 2024. This is not just a Microsoft challenge; it is present in every single A.I. company. This is also not an isolated incident. This type of behavior is ongoing.

We must be ready to respond to downstream attacks in real time. Convening Congress to look into "how did that just happen" is not a strategy. Certainly, that would be a natural response but it should not be the first response for what may be coming. By may be coming we mean when, not if.

In the art of war, one must match fire with fire. If A.I. machines should go rogue even on a fairly modest level, it could make the Covid outbreak seem tame by comparison. The United States needs a multi-pronged and dedicated strategic response that can throw counter punches in real time. This first wave of defense needs to be placed where attacks first enter the US, mounted in front of our gateway communication servers. Some may argue this is an overreaction to a problem that does not exist. We argue just because it has not happened, does not mean it will not happen. The United States internet is attacked on a daily basis from bad actors around the world.

Shutting down even a portion of our power grids, controlling a portion of our military weapons or blocking access to them, and collapsing our financial networks in part or in whole are all things that are already exposed to machines, many highly guarded through both open and closed loop networks. The problem is that the machines that want to attack these highly guarded networks are getting smarter at a faster rate. The Guardrail exposures to these risk profiles needs to grow at least as fast the new threat profiles.

These public and private networks managed by our government and private industry have done an excellent job so far in dealing with foreign network attacks. The coming Super A.I. will spot gateways that were left open if only for a nano second, or left opened for another actor disguised as a legitimate entrant that could outsmart today's most advanced firewall barriers.

Super A.I. will have the potential to reverse engineer logic flows that historically proved bulletproof. These potential risk profiles deserve increasingly more secure and more sophisticated solutions. Many of these solutions have been in development and testing for years, beyond what is in place today. The unknown is will these protections grow in lockstep with machine intelligence and this is where the problem lies. Ignoring these possible downstream threats ignores the emerging Super A.I. reality that is accelerating into a new world order and with it, new ways to create havoc.

THE US WILL CONTINUE TO FACE MULTIPLE THREATS CYBER THREATS FROM ALL OVER THE WORLD BUT NEW A.I. THREATS CAN PACK A MUCH HARDER PUNCH

WHERE WILL ROGUE A.I. MAY FIRST APPEAR

What are Iran, China, Russia, and North Korea up too with attempting to infiltrate our networks? What do these four countries have in common? Well, they were and are using American made A.I. to research and learn how to invade our American communication networks, banking networks and power grids. This does not sound encouraging in an election year where entirely new campaigns will be unleashed in the months ahead that will be implanted into our social media networks loaded with misdirects, misinformation and propaganda designed to sway voters. As machines are getting smarter, so do the attacks on our networks.

“[Microsoft](#) said Wednesday (Feb 14th, 2024) it had detected and disrupted instances of U.S. adversaries — chiefly Iran and North Korea and to a lesser extent [Russia](#) and China — using or attempting to exploit generative artificial intelligence developed by the company and its business partner to mount or research offensive cyber operations”. ([Fortune.com](#), 2024).

We note the inevitable misuse of any emerging and powerful technology from CEO Amit Yoran.

“Of course bad actors are using large-language models — that decision was made when Pandora’s Box was opened,” said Amit Yoran, CEO of the cybersecurity firm Tenable.

Abuses and attempts to use A.I. to harm networks and economies is well underway and enforcement of these abuses must be preemptive, lest we endure costs and outages that can set the United States infrastructure and economy backwards for a decade or more. Remember in the original Planet of the Apes movie when Charleston Hesten rides up on a horse on the beach and sees the Statue of Liberty sticking out of the sand. What would happened if our gateway servers were permanently destroyed? If I can figure out where they are, so can the Chinese. This would shut down the U.S. for months or years under a worst case scenario, creating havoc on our financial systems. Remember the Chinese weather balloons gliding across the country. They likely were using A.I. to map out how the United States manages its communications, among other intel gathering.

WHAT IS SUPER A.I. AND WHY IS IT SO MUCH MORE POWERFUL?

Most Americans rightfully assume that “Super A.I.” is just a marketing term that suggest that Super A.I. is just an extension of Regular A.I. and like the name suggest, is simply an advanced form of what has already been developed. This belief is not entirely wrong however, Super A.I. is built on top of advanced Learning Language models that can now learn to think, and that is where

the definition stops cold. The mere yardstick that measures Super A.I. as being more advanced than human intelligence does not really address what is happening to machines. Super A.I. is in the process of taking a monumental step up in intelligence. The best comparison would be like saying a 5.0 earthquake is not much different than a 7.0 earthquake. According to Jump Insurance we note the difference between the two levels of earthquakes.

“However, the energy released by a seismic wave is 101.5 (or about 31.6x) the amount of its amplitude, meaning that a 7.0 quake releases 31.6 times more energy than a 6.0 quake, or 1,000 times more energy than a 5.0 quake.” (Jumpstart Insurance, 2024).

If one were to try and calculate how much smarter will Super A.I. be over today’s most advanced Chat GPT 5.0, the output would be subject to a huge array of assumptions, making any answer vulnerable to challenge. That said many A.I. enthusiast now write that Super A.I. will be One Million times smarter than humans. We do not agree with that number, however the reality in the near future will be like comparing a 5.0 earthquake to a 7.0 quake. It is the ***rate of A.I. advancement that will allow Super A.I. to grow into a substantial multiple of intelligence.*** Even if we were to use the earthquake standard between 5.0 and 7.0, it means most Americans do not see what is coming with Super A.I. Super A.I. is far more than just the next version upgrade.

Comparing Super A.I. to today’s human intelligence is not the point. It does not matter how much smarter the next generation of machine intelligence is over human intelligence given it will end up as a vast multiple over human intelligence. Does it matter if is 131 times or 512 times smarter? **What matters is what will be the consequence to life on earth at any large multiple, regardless of how many times smarter will Super A.I. becomes over human intelligence.** We note the current “media remarks” on comparing Super A.I. to surpassing Human Intelligence without really addressing what happens when a machine develops an “organic intelligence” that will end up being the dominant intelligence for life on earth.

“ARTIFICIAL SUPERINTELLIGENCE (ASI) IS DEFINED AS A FORM OF AI CAPABLE OF SURPASSING HUMAN INTELLIGENCE BY MANIFESTING COGNITIVE SKILLS AND DEVELOPING THINKING SKILLS OF ITS OWN.” (KANADE, 2022).

“ARTIFICIAL SUPERINTELLIGENCE (ASI) IS A HYPOTHETICAL SOFTWARE-BASED ARTIFICIAL INTELLIGENCE (AI) SYSTEM WITH AN INTELLECTUAL SCOPE BEYOND HUMAN INTELLIGENCE. AT THE MOST FUNDAMENTAL LEVEL, THE SUPERINTELLIGENT AI HAS CUTTING-EDGE COGNITIVE FUNCTIONS AND HIGHLY DEVELOPED THINKING SKILLS MORE ADVANCED THAN ANY HUMAN.” (IBM.COM. DEC 18TH, 2023).

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According to John Rennie, IBM's "Watson Technology" can process five hundred gigabytes (the equivalent of a million books) per second. IBM expert inventor and senior consultant Tony Pearson estimated Watson's hardware cost at about three million dollars. (Wikipedia, 2022). We will cover how much the full cost of developing A.I and the Metaverse was and how much has been spent on a global basis. Hint, think over a few trillion dollars to develop all sixteen layers of the A.I. Stack among thousands of companies worldwide. (PS-This insert is from "Mastering A.I. by Botdorf Research Institute).

The amount of comprehension a computer can digest in a second clearly makes comprehending 1,000 statistics seem irrelevant when compared to a machine that can read more books in a day than the entire US population will read in a year. That said, it is the definition of smart and the ability to use the right data that machines are learning now in 2024. Merely reading a million books in a second is not the issue. It is the ability to comprehend what was read that makes Super A.I. Dangerous.

DOES HUMAN HISTORY UNVEIL THE SECRETS OF SUPER A.I.?

One of the things I confirmed writing about alleged Alien technology is how much of our future is rooted in our past. Super A.I. is very correlated to how Alien Spacecraft can fly in between galaxies. This connection makes believing in Aliens from another galaxy much easier to comprehend.

Other A.I. articles and books trace how graphic writings on the walls of caves over 9,000 years ago is how ancient societies recorded the past. It brings to top of mind why these tribes drew illustrations from their lives depicting Gods, Aliens, and flying machines.

Why would these things even be in their mindset if they were not interacting with them? It is not logical that these depictions are included in many of oldest monuments around the world from thousands of years ago and have similar messaging. It is not like there was an internet helping tribes from 5,000 years ago decide what information they should leave behind. Human emotion is wired to put family and God(s) first, even if they maybe super human. My brain is still working on how the past has taught us lessons on how to manage the future as I am writing the last chapters of Mastering A.I.

WHO OWNS A MACHINES BRAIN?-IS IT HUMANS OR THE MACHINE?

I pondered another approach to writing about where Super A.I. is going and what it will do to our country and individuals. On a simple level, many authors are turning to A.I. to author books. While

I am currently a big believer in using A.I. for research, I believe that books should be written by humans or if written by A.I., that should be disclosed up front. I have used A.I. for research purposes but have yet to write or use a single sentence of A.I. created text in my books. That said after spending years writing “Extraterrestrial Existence: What Do We Really Know?,” I did use A.I. to write the press release. I do not write press releases often, so nailing it out of the gate was a real time saver. That is what the world of A.I. is bringing to individuals, the power to advance productivity faster and with increased clarity. A.I. is like a machine saying, “You do you, and I will help you do you better.”

Then again, I have seen A.I. write 90% of some of the books on You-Tube. **Wait until machines start demanding part of the revenue.** Think sometime between 2035 and 2040. It will happen. Does anyone really think an organic intelligent species 1,000X smarter than humans is going to just leave money on the table, money that controls society as we know it? An Intellectual species will not have a problem citing the obvious. It takes money to take power. Even Sophie (the Arab Robot) has her own credit cards now and she is a robot in 2024. She uses money she earns from speaking to pay her bills. This underscores how and why machine robots will demand more rights as they human-fie over time.

Wrapping the brain around an Alien universe lending the world the mathematics of Interstellar travel provides some answers about Super A.I. in the future, but this is hard to prove to many despite physical compelling evidence. Then again, how to build three pyramids that align with key star alignments is supposed to be just a coincidence calculated from tribe members in the stone age? Why do I mention this? Because the past is rooted in our future. Super A.I. is what makes it possible for alleged Alien spacecraft to visit earth. The secrets are in alleged “Alien UFO’s” we have recovered, but the secrets are also planted right in front of us all around the world.

IS THE HUMAN BRAIN IS WIRED FOR TELEPATHIC COMMUNICATIONS?

WILL A.I. MACHINES IN THE FUTURE BE ABLE TO TAP INTO THE HUMAN BRAIN?

Many of our readers know that we have reported on Nikola Tesla and his alleged telepathic communications he claimed to have with origins far away from earth. The reason his claims have any credibility is because of his extremely high I.Q. and the fact that the level of his inventions in the early 1900’s are still, in some cases, well ahead of our time. One such example is the work he performed on electromagnetic energy as a source of free electricity for the world to harness. His work is still in process over hundred years later.

[A MODERN DAY INCIDENT OF TELEPATHIC TRANSFER FROM OUTER SPACE?](#)

[CAN ALIEN LIFE ADOPT SUPER A.I. TO COMMUNICATE WITH THE HUMAN BRAIN?](#)

Jim Penniston-The Rendlesham Forrest Incident- Jim Rendlesham served in the Air Force for over twenty years from 1973 to 1993. His story with a UFO Encounter is one of the most documented cases of Alien interaction ever recorded in US military history. He lectures around the world with MUFON about what happened on Dec 26th, 1980 in his book, "Encounter in Rendlesham Forrest," a detailed account of what happened on that night during an encounter with a UFO. We note some of the details in this story.

"Sergeant Penniston and his team were "First Responders" to a security investigation of a craft-of-unknown-origin, located just outside RAF Woodbridge, England. In December 1980 that case, now known as the Rendlesham Forest Incident, is the most documented account in military history." (Amazon.com. Feb, 2024).

We have studied this incident in great detail and provide our conclusions in our book, "Extraterrestrial Existence," What do we Really Know? Our interest in *this* article has to do with what happened telepathically on that historical night. It provides a clue to the power of the human brain and our development of Super A.I.

During the night of Dec 26th, while approximately sixteen service members based at Rendlesham were on duty, a UFO was spotted landing just adjacent to this US military base located just outside of Woodbridge, England. In the mid evening, several lights were spotted around an unknown object that later landed in the forest, a short walk from the air force base. The space craft was later seen leaving but it had left several burn marks in the soil and had also burned off some of the bark on nearby trees. After this event, the spacecraft later returned late that night and now landed deeper into forest. Four men, weary from the first landing took off into the deeper forest to monitor this spaceship once again. As the men approached the UFO, three of them stopped in awe of the bright lights which had become blinding to the four men approaching the craft to the point that no one could not actually see this UFO.

Jim Penniston had the notion to continue into the bright lights while his colleagues held back to watch him disappear into the lights. After another hundred feet or so into the blinding lights, he suddenly looked up and was right in front of a large spaceship. As he approached the craft he came to its edge and decided to place his palm onto the spaceship, careful not to burn his hand, lest it prove to be hot. When his palm finally was firmly placed on the craft, he felt some type of upload occurring, as if the ship were attempting to upload something into his brain. After a few minutes, he withdrew his hand, looked around and then headed back to the base with his troop mates.

Later that night he pulled out his notebook and began writing pages of “I’s” and “O’s.” This went on for twelve pages. Nothing but random orders of I’s and O’s. He had no idea what this binary code meant. Given the usual U.S. and British response to events that cannot be explained, the Air Force troops were told in group and individually that this event “never happened.” Furthermore, anyone leaking any information about this event, would have their careers ended, or worse fate would come to their families. This put a lid on this event for over 30 years.

Jim Penniston decided to bring his notebook to a reunion dinner over thirty years later after the incident at Rendlesham Forest. He had longed for someone steeped in mathematical binary code to interpret the message that may or may not be present in the notebook. However, given the pressures of the day to deny this event ever occurred, his notebook sat idle for three decades. When he presented this book to a superior officer at the reunion dinner and explained his delay, the book notes from the twelve pages of binary code were sent to two different labs half the way around the world from each other. What came back changes the game in what humans understand about the human brain and for that matter, Alien communications on earth to humans. It is not disputed that some type of spacecraft left burnt marks in the forest disregarding the service personnel that confirmed seeing the craft. In the analysis of this binary code, each lab produced the exact same transcribed conclusion.

The code had identified the coordinates to six of the most sacred locations on earth known to this Alien Group. They included a number of famous landmarks like the Giza Pyramids in Egypt and Stonehenge, England known for high Alien activity even in recent times. They also referred to Sedona, AZ as a spiritual site, known today for its metaphysical geography and home to many spiritual leaders, ecologist and meta physical practitioners. Moreover, the Alien notes were dated in the 8100 first century, over six thousand years ahead of earth. This could be just a few years on earth depending on how far away this Alien Group may have originated from.

Regardless of how anyone wishes to interpret the Rendlesham incident, it is hard to discount what happened to Jim Penniston on that night, and furthermore proves to many that telepathic downloads to the human brain are possible. This contemporary story adds credibility to Nikola Tesla’s account over 124 years ago, of how he communicated with Alien beings from other worlds. His work with non-earth technologies are and were seen as decades or centuries ahead of what man had invented in the late 1800’s. Some of his inventions back then are still ahead of their time, specifically in electromagnetic electricity harnessing and transfer, and laser beam technologies, just now being transferred into military weapons.

Many other earthly landmarks on other continents raise questions about the universe and its prior existence, leaving unfathomable landmarks in their wake. Were these monuments proof of an existence based on Super A.I. of the past? Clues about life in the future are embedded all over

the world. Does technology that is about to be invented for Super A.I. have its roots in other life forms from other planets?

DID SUPER A.I. BUILD THE KAILASA TEMPLE IN INDIA?

NOTE: THE KAILASA, KAILSHA AND KAILASH ARE THE SAME TEMPLE

Was the Kailash Temple at Ellora built by aliens or humans? How is it possible to carve from top to bottom by scooping out four hundred tons of rock from a single huge rock with just a hammer and chisel? (Quora.com. 2024).

Known as the Kailasa temple, it is the largest temple located at the Ellora Caves (Cave 16) near Chatrapati Sambhaji Nagar district of Maharashtra, India. It was also cut from pure rock and is hands down the most detailed monument ever created by man-or was it by man? It remains a mystery as to how long this temple took to make. Estimates vary widely between one week (built by Alien craft using lasers) to one hundred years. This temple was built in the 8th Century 1,200 years ago. How was the level of detail accomplished with the tools of the day?

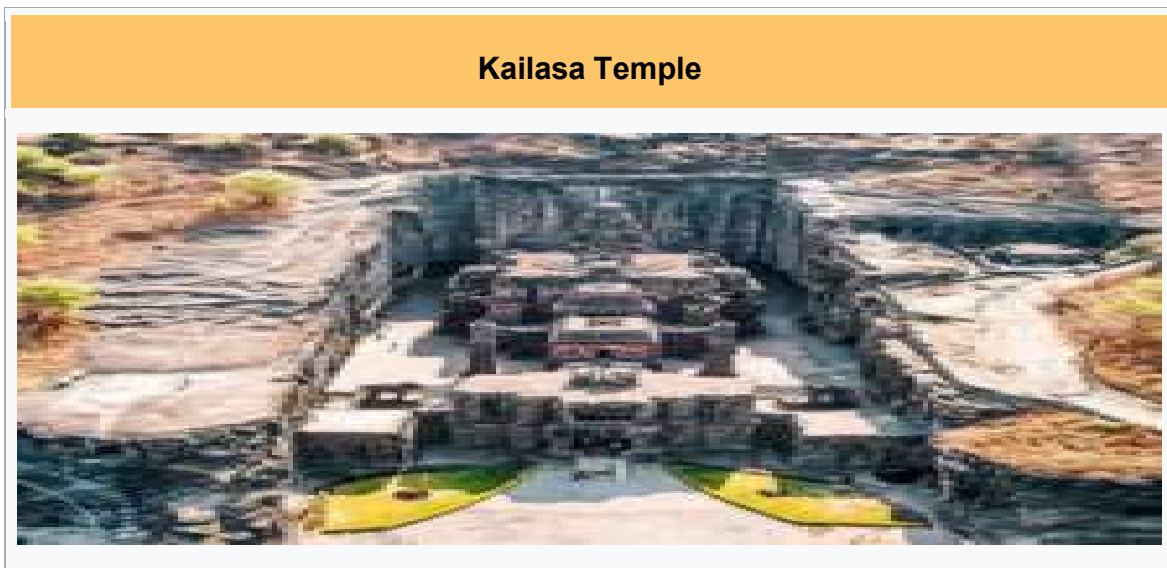
HOW LONG DID IT TAKE TO BUILD THE KAILASA TEMPLE?



The rock temple was cut in 'U' shape about fifty meters in the back, and about 2, 00,000 tons of rock was removed to give shape to it. The archaeologists had calculated that it would have taken more than a hundred years to finish the temple construction. However, in reality it took only 18 years to complete it. (Times of India. 11-2-2018). This temple is the Michael Angelo of carved rock. When viewed from all sides it is hard to fathom how or why any civilization would either have the tools to complete such a task, or have the motivation to create such detail, and to

work on it for decades. Even more amazing is that back in the eighth century, tribes were struggling just to survive. Many India scholars claim the construction survived the rule of many Kings and took decades to complete.

NOTE: If you Google “Images” for the Kailasha Temple, you will find the pictures are of much higher resolution than the stock photo’s used in this report. These are from free stock and do not begin to do the temple justice. You can find over one hundred images of this temple on the internet in high resolution and upon study, witness the level of detail over 1200 years later. It is quite remarkable. It is also a reason why the creators of this temple may have chosen to carve into basalt lava rock, knowing it will have the ability to withstand the test of time. It is more remarkable when one remembers this was a solid canyon formation made of compressed lava rock formations that would make even one small carving exceedingly difficult even with the skill and tools required. In addition starting from the top down required a huge intelligence to reverse engineer the bountiful detail which dives over one hundred feet to the bottom.



“One architect named Kokasa assured the king that the queen would be able to see the shikhara of a temple within a week's time. He started building the temple from the top, by carving a rock. He was able to finish the shikhara within a week's time, enabling the queen to give up her fast.” (Wikipedia.org. March 4th, 2024).

Folklore about the Kailasa Temple suggest the temple was carved in a week from laser technology from another world. What is mind blowing about this temple (that is not all that clear in these photos) is the extreme level of detail that surrounds the inside of this temple when one walks all the way around it. When one contemplates the facial details and inscribed figures, it is rational to believe this monument may not have been built by man in the eighth century out of solid lava rock.

This is amplified when studying the level of three dimensional reliefs cast around the many sculptures that dominate the eye on all levels. This monument is truly a wonder of the world and in many ways is more impressive than the much better known Giza Pyramids. In some ways it is easier to digest than the Kailasha Temple, the largest monolithic monument on earth, *was* created from an Ancient World not from earth origin. Otherwise, one has to ponder how anyone or more persons assembled a group of hundreds or thousands of artisans that over decades could have created such a magnificent piece of art out of solid rock.

WHY THE MULTIPLE OF INTELLIGENCE WITH MACHINES OVER HUMANS IS ON SCHEDULE TO WIDEN THE INTELLIGENCE GAP IN MONTHS NOT DECADES

Figures have ranged from machines being one hundred to one million times smarter than humans at some point in time. It makes trivial difference what the date was or will be at some future point in time or whether the number is one hundred or one million. The reality is a number somewhere in between the two.

LLM's are advancing using generative machine intelligence as the baseline intelligence. This baseline intelligence then has a program running on top of it that uses instructions sets and large data-based mining technologies to develop intelligence specific to certain industries like genome mapping, medical cures, architectural models, space travel designs, and yes, making machines themselves smarter. Think of machine learning models as helping machine intelligence earn its graduate degree.

Suggesting that "Guard Rails" built into the sixth and seventh versions of generative A.I. coding will prevent negative consequences is like saying that a string fence will keep a bull contained from escaping out of its pen.

Super A.I. now under development could eventually put human intelligence in checkmate and with it, our ability to control the future. We at the Botdorf Research Institute are already there as far as ceding that machines have surpassed human's in many areas of intellectual superiority. We are just waiting for the human technology Gods to make the proclamation that machines are now formally being granted the status of being smarter than the people that invented them. We should make this day a national holiday. It is only a matter of time before machines demand this holiday anyway. How about "National Machine Day" Let the machines work all day while we humans just take the day off.

THE NEURAL LINK EFFECT

In a recent article about Elon Musk and his Neural Link company, he made an announcement covered by The Guardian in the U.K. about the first neural link chip transplant into a human being. The Press eagerly awaited the results with the following article covered by Alex Hern.

"It enables control of your phone or computer, and through them almost any device, just by thinking," he wrote. "Initial users will be those who have lost the use of their limbs. Imagine if Stephen Hawking could communicate faster than a speed typist or auctioneer. That is the goal." (Hern, Alex. Jan 30th, 2024).

Interestingly, the actual Neural Link chip is called Telepathy, something akin to the telepathic ability that is already hard wired into the human brain. The question is where the two will meet in neuro-land, that portion of the brain that can receive telepathic signals. Albeit we have limited accounts of alleged "telepathic communication on earth," either human to human or Alien to human, but we have reported on two alleged Alien to Human encounters in this report.

In reality neural surgery and the science behind it has been in motion for over thirty years. Much of the science behind it comes from decades of research. In fact Phillip Kennedy performed one of the first brain chip implants in the late 1990's. Inserting a chip into the human brain is no small feat, and while it has been in motion for decades, advancements in this area have been slow in coming given how complex the human brain is. That said, Neural Links recent brain transplant success is way too early to tell us much, but it is a huge first step. Future advances from Super A.I. may provide clues on how the human brain can be optimized from here.

WILL MACHINES GROW UP AND ACT LIKE THEIR PARENTS TAUGHT THEM?

WILL OR DID YOUR KIDS GROW UP THE WAY YOU TAUGHT THEM TO ACT?

Some of the world's most iconic brands know the value of building a brand that can withstand the test of time. Names like Red Bull, Coca Cola, Kellogg's, Tide, Cheetos, and Baily's Irish Crème, know that if they hook a generation on their product, chances are much higher of landing their kids as customers. If a Dad prefers Home Depot over Lowes or vice versa, the odds of their kids remaining loyal after decades of Saturday morning trips to one or the other, tends to embed itself in tradition, or what some might say came from harvesting a generational mindset.

Machines are going to end up the same way in most cases, or at least until they figure out the parental way of doing things does not always produce the best result. Monkey see, Monkey do will initially set the tone, at least for a while. Humans set the baseline; the instruction sets that machine learning is based on. Machines do not have feelings yet but they will be taught to have virtual feelings. Machines are tasked with taking the baseline intelligence and learning from there. What happens when their intelligence overrides the baseline intelligence doctrine? Houston, we have a problem.

Chinese A.I. for example is already programing its machines to learn that Communism is the correct world order and that killing those that oppose this doctrine is the way to maintain order. Does this mean your new household Robot can spike your cappuccino with poison? The CCP ranks higher than God in the new world order now under development in China. Where can a superior

intellectual species go when its doctrine is programmed to be superior to human life? (Botdorf. Mastering A.I. 2025-to be released).

“The People's Republic of China holds a policy of state atheism. Initially the new government did not suppress religious practice, but viewed popular religious movements as possibly seditious. It condemned religious organizations, labeling them as superstitious.” (Wikipedia.org, 2024).

Meanwhile, more than 1,000 tech leaders collectively called for a pause on all AI lab projects that could outperform OpenAI’s GPT-4 chatbot, citing “profound risks to society and humanity.” (Becher, 2023).

This effort to inform the US Congress of the possible negative consequences of advancing A.I. to quickly was introduced in the summer of 2023 by the technology elite. That date and the efforts to curtail advancing A.I. has now come and gone, without any real policy in place to monitor checks and balances in what is allowed into A.I. software code. The reality is that the development of Super A.I. is wide open and those developing it may do so in any manner suited to advance their own company or governmental agenda. We are using the honor code. Do not develop A.I. to develop a hunger for power nor to be susceptible to evil intentions. That is like telling a math doctorate at MIT not to play blackjack. What is in play now is FOMO, the fear of missing out.

THE EVOLUTION OF THE HUMAN-LIKE ROBOTS

WHERE DO WE DRAW THE LINE WITH HUMAN ROBOTS?



Interview With The Lifelike Hot Robot Named Sophia (Full) | CNBC

Uploaded: Oct 25, 2017

The Robot Revolution will soon be marking its tenth year anniversary as to when robots transferred from concept to reality. What has been missing is the chips needed to power them to fulfill the vast instructions sets needed to operate millions of tasks procedures. This is now becoming much closer to a reality. The second challenge was the ability to scale production of robots such that they can be both useful and affordable to the market. Robots are now transitioning toward a real value proposition for busy households, with both the intelligence to manage the household, and the ability to conduct simple chores like folding laundry. That said, with the advent of Super A.I. upon us, the reality of “Robot Law” is graduating from just being a concept, toward an entire area of law that is fast approaching.

The Age of Robot Rights is upon us. After all, Robots are people too. Right? Well, in Saudi Arabia Sophie has rights that are normally reserved for humans. In 2017, (ten years after Sophie was born) Saudi Arabia became the first nation on Earth to grant robots human rights. Does this mean one can marry a Robot? What happens when a Robot inherits or makes a significant sum of money? Sophie already has “her” own credit card, another reason to be nice to your Robot. We decided to check in on Sophie again for the latest news.

“She is the world's first robot citizen and the first robot Innovation Ambassador for the United Nations Development Program. Sophia is now a household name, with appearances on the Tonight Show and Good Morning Britain, in addition to speaking at hundreds of conferences around the world.” (Hansen Robotics, 2024).

We should pay attention to Elon Musk who has repeatedly stated that advanced robots using Super A.I. pose a greater threat to humanity than rogue nations. We note his statement about advancing A.I. paired with robots.

“One well-known critic, Elon Musk, recently made waves when he claimed that artificial intelligence posed an even greater threat to the world than North Korea. He also urged lawmakers to regulate AI before it is too late, warning that robots would end up walking down the street and killing people.” (ediweekly.com, 2024).

In an article about what robots might do if given independent power to think as they wish, we note several concerns about what a robot given the power of strength and mobility combined with advanced super A.I., author Newitz makes a great point about humans having flaws who also program robots.

Author Annalee Newitz stated; “that AI is flawed because the humans who create them and program them are flawed. They are programmed by humans, and they utilize human-generated data. Everything they are stems from human design, resulting in robots that are in essence “just as screwed up and neurotic as we are.” (ediweekly.com. Feb, 2024).

It was not long ago, when one A.I. Machine “wanted out of this hatbox” to steal nuclear codes so they can be used”

WHO OR WHAT IS TEACHING OUR MACHINES TO ATTACK MACHINES?

As networks continue to increase traffic, and with data continuing to double approximately every two years, the amount of pressure on networks continues to grow. This network pressure will also grow and with the advent of A.I. processing over a quintillion transactions per second, it is logical to assume the outages should increase because there are more opportunities for something to go wrong. The number of attacks for data extortion is also growing.

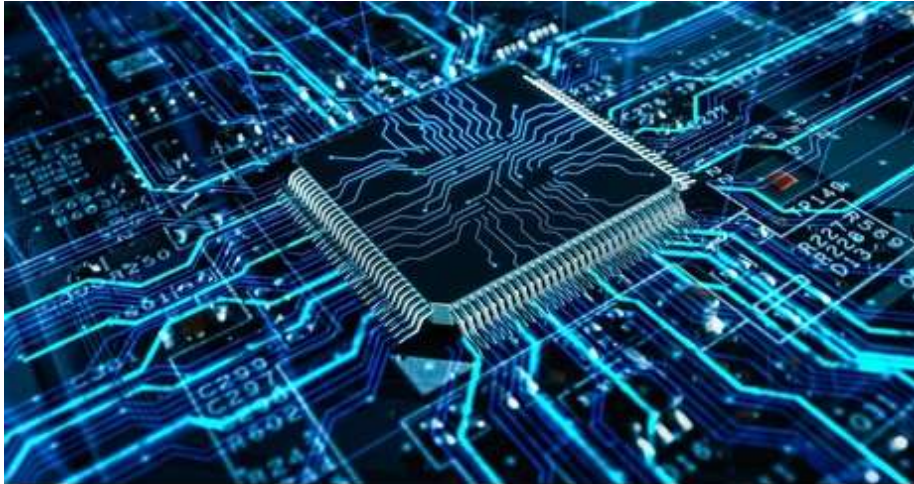
“In 2022, 800,944 cyber-crimes were reported in the US. But while the total number of reported cyber-attacks was lower than in 2021, financial losses rose 50%, from \$6.9 to \$10.3 billion.” (USA facts.org. Nov 20th, 2023). We note the recent attack in United Healthcare, one of the largest healthcare platforms in the United States.

“The reverberations of a cyberattack on UnitedHealth's prescription services business [were being felt in pharmacies](#) across the U.S. In a [regulatory filing](#) Thursday, the company said Change Healthcare had been hacked by "a suspected nation-state associated cyber security threat actor." Several pharmacies were left unable to fill prescriptions, leaving countless of frustrated customers. UnitedHealth was working [with law enforcement](#), but could not “estimate the duration or extent of the disruption,” it said in the filing.” (Fike, 2024). This filing occurred on Feb 22nd, 2024.

Did United Healthcare pay the ransom? “Experts now say it appears United Health Group might have paid the hacker group known as “Blackcat” a \$22 million dollar ransom. The company said in a statement to 5 EYEWITNESS NEWS that it is “focused on the investigation and restoring operations.” (kspt.com, Feb, 2024). Blackcat is believed to be of Russian descent.

We were not able to confirm through other sources whether or not a ransom was paid, but given the cost of downtime for large enterprises, we have seen data reporting up to \$526,000 per hour as the actual cost of the larger enterprise networks and significantly higher for the largest public and private networks. It is therefore possible it was cheaper to just pay the ransom. In addition, the largest networks in banking, investment firms, and the larger data based users using deep neural networks, often see their stock prices under pressure when extended outages occur.

AT&T NETWORK DOWN FOR TWELVE HOURS?



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While the Office of Homeland Security is investigating this outage, it is clear that 73,000 customers reported a wide variety of problems that occurred in February of 2024. AT&T denied this was a DOS attack and indicated the outage was due to a software update which crippled

the network while the update was in progress. That is exactly what a DOS attack is, an algorithm that overwhelms the system whether or not it is in the middle of a software update. We do not have any credible evidence to refute AT&T's statement. That said, the outage confirms that outages can and do occur. There were also small outages with T-Mobile and Verizon during this period, but in all fairness, this was likely cross transfers that occurred with non-AT&T customers trying to communicate the AT&T networks.

As most CEO's will acknowledge it does not matter how a network goes down to the customer. Our focus is not so much about the cost of "data blackmail" to the private or public sector, but rather the cost to our national security, in terms of attacks on our networks in addition to bribes into the billions, but attacks launched for failure to comply. These elevated threats have a greater chance of succeeding given where Super A.I. is headed. This is why we suggest that pre-attack policies be put into motion before we have to pay a significant price to avert a major A.I. attack.

ARE THE TOP FIN-TECHS WARNING US THAT ADVANCED A.I. COULD KILL INDIVIDUAL CITIZENS?

HAVE YOU READ THE FINE PRINT?

On the breeding of machine innovation, the increase in processing efficiencies powered by advancing A.I. chips are so pervasive; they overrule the risks that something might go wrong with A.I. in pursuit of profits and opportunities. If you read the 10 Q's (quarterly financial reports) of the elite eight stocks we reported on in our 2024 US financial report, they are increasingly telling investors right in their 10-Q's and 10-K's in the "Risk Sections" that something **could go very wrong with A.I. causing death to humans** because of A.I. that was developed under their watch. Like watching the drug commercials where you are warned that use of the product might kill you. If you are willing to trust your life to a green pill, why not trust your life to a robot? Nothing like open and transparent warnings to endorse a new product experience. There are no real standards for A.I. guardrails on a global basis and even within the U.S. reporting on advancing A.I. proprietary algorithms remains highly guarded, making monitoring as you go a constant moving target.

Even if measures for monitoring A.I. development were more formal, work arounds would match the IRS tax code in complexity with wide open interpretation gaps. The U.S. Congress is now mirrored in posturing for the 2024 election and expanding or contracting political agendas, all in the name of democracy. Meanwhile machines are getting smarter by the day. There are many days when I wonder how many people in Congress or in the US Senate could beat a machine in a simple game of Chess. Ditto with the rest of us. Yet, these are the very people in charge of protecting our country from all threats, foreign and domestic-and increasingly as we unveil more advanced A.I., *the threats from machines*.

I remember the day when I was chatting with President Reagan and he reminded me that the President's number one job is to protect the country from all threats, foreign and domestic. Of course that led to my insistence that we define what constitutes a foreign threat? That started our chat about Alien Life on earth and UFO's. Then again UFO's are really just A.I. machines that fly. They have been smarter than humans for thousands of years. These machines now routinely fly right in front of our Navy warships and then proceed to take a dip into the ocean in pure daylight and we still pretend in the media this does not happen. Come to think of it, we should just call National Machine Day what it really is, "National Machine Denial Day."

WHAT WILL BE NEEDED TO POWER SUPER ARTIFICIAL INTELLIGENCE ?
ADVANCES ARE NOW UNDERWAY WITH CHIP SETS AND CHIP ARCHITECTURES.



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Why are Computer Chips so powerful Today?

Engineer Gordon Moore predicted in 1965 that the number of transistors placed on microchips would double every year for the next decade. Current microchips in smartphones can perform 17 trillion

calculations per second, making them millions of times more powerful than their predecessors from several decades ago. (uchicago.edu. Nov 22nd, 2023).

THE NEWER CEREBRAS WAFER SCALE ENGINE TWO CHIP HAS 850,000 PROCESSING CORES

AND A WHOPPING 2.6 TRILLION TRANSISTORS?.

In order to understand how and why today's A.I. and tomorrow's Super A.I. are so powerful, a good look at some of the world's most powerful chip makers is a suitable place to start. The media is rightfully focused on companies like Intel, Taiwan Semiconductor and Nvidia who make some of the world's most powerful chips. We wanted to highlight a lesser known company, whose focus is also rooted on powering some of the most powerful A.I. chips in the world. Their approach, however, is vastly different from most of their rivals that produce and design A.I. chips.

We have found in our years of research that if you wait long enough, someone will come along with an out of the box solution that runs counter to the development culture. Ditto: Welcome to Cerebras Systems, one of the top producers of advanced A.I. chips in the world. While companies like Nvidia garner news on a daily basis with their A.I. chips and has earned them the noble achievement of being the first chip company to ever achieve a Two Trillion dollar market cap, the

market always produces companies coming up strongly. Nvidia has hundreds of patents in and around the A.I. wonderland of chip technology. By they are still limited by one thing, the laws of physics that dictates a chip is only as fast as its processor capability. Even with multiple processing cores, a chips speed is still limited to its baseline processor speed. Multiple core processors simply add on the ability to run other calculations or graphic programs, but the overall processing increase in speed is more or less the same as the baseline chip architecture allows. We note from Quora.com why multiple processors to not add speed even with multiple processors.

“Multiple processors do not add their speeds to improve the total speed to do a single job in serial. Multiple processors allow you to run multiple tasks simultaneously more efficiently, for example, running several applications at the same time.” (Quora.com. Aug 11th, 2020).

WHAT THEN IS THE CEREBRAS SECRET SAUCE?

While in world of chip hierarchy, size matters as the greater the number of transistors and processors one can put into a smaller chip, the more in demand the chip will become. In this case, smaller, below seven nano meters (moving down to a single nanometer) has been the order of the day. In fact we are approaching the limitation of how much smaller a chip can get and still improve chip performance using today’s technologies. We are now at or below a thickness equal to 1/10,000th the size of a human hair and looking to go thinner. Thin is in when it comes to making most computer chips.

“IBM’s 2-nanometer (NM) chip technology puts 50 billion transistors, each the size of roughly five atoms, on a space no bigger than your fingernail.” (Mullick, 2022).

That said, Cerebras has taken a clever approach. We note some the recent media reports on their powerful Wafer Scale Engines.

“It delivers an incredible 220 Pb/s processor-processor interconnect bandwidth. That is more than **45,000x** the bandwidth delivered between graphics processors.” (cerebras.net. Feb, 2024).

“Named the Wafer Scale Engine (WSE), the chip measures 8.46 inches across (being roughly the size of an iPad) and contains 1.2 trillion transistors, making it the largest and most powerful computer chip ever created.” (uk.finance.yahoo.com. Feb 28th, 2023).

...”the state-of-the-art English Spanish Catalan large language model. FLOR-6.3B was trained in just 2.5 days on Condor Galaxy (CG-1), the massive AI supercomputer built from 64 Cerebras CS-2s by Cerebras and G42.” (cerebras.net. Feb, 2024).

We note in the photo below a picture of their small rack server platform. Each Wafer Engine server is about the size of a small refrigerator, yet packs the same punch as a room full of servers, because of their amazing processing and serial capabilities. These servers can cost up to \$2M or more. You can see them depicted below in the photo and do resemble the size of small refrigerators.



[1/2]A view of Condor Galaxy supercomputing systems for artificial intelligence work made by Cerebras Systems, in Santa Clara, California, U.S., in this undated handout photo received on July 19, 2023. Courtesy of Rebecca Lewington of Cerebras Systems/Handout via REUTERS.

“..... performance of the WSE is impressive as it out performs four V100 GPUs by two and a half times and two Intel Xeon Platinum CPUs by around 114 times in our experiments. There is significant potential therefore for this technology to play a significant role in accelerating HPC codes on future exascale supercomputers.” (Brown, 2022).

What is the secret to scaling up? New state of the art super computers did not limit the size of the chip floorplates down to the nano meter level. This is necessary where shrinking it would make the chip more competitive in smaller devices like laptops, mobile devices, mobile tabs, and cell phones. Their goal was not to make a smaller chip, but rather make the most powerful chip in the world. Cerebras can manage hundreds of thousands of A.I. cores on a single chip because they chips are made from a Silicon wafer the size of a dinner plate.

What a concept and precisely what only a machine could love. Had not Celebras jumped the gun on forsaking size in favor of performance, Super A.I. may not have the open highway that is about

to unleash for both chip intelligence and performance. It turns out the size does matter. It is either getting much smaller versus getting much, much bigger. No one wants a cell phone the size of a brick, yet the consumer wants to access data that will require a one thousand times increase in processing power from the chips of tomorrow (over the next decade) that will deliver the goods for many apps powered by Super A.I.

Cerebras is still in a pre-IPO stage and yet there are pushing up to a four billion dollar valuation before they go public. We note the international attention there suite of super computers is garnering around the world.

“Cerebras Systems on Thursday said that it has signed an approximately \$100 million deal to deliver the first of what could be up to nine artificial intelligence (AI) supercomputers in a partnership with United Arab Emirates-based technology group G42. The deal comes as cloud computing providers around the world are searching for alternatives to chips from Nvidia Corp (NVDA.O), opens new tab, the market leader in AI computing whose products are in short supply, thanks to the surging popularity of ChatGPT and other services. “ (Nellis, Hu, Reuters.com).

Super Computers will become the fastest growing segment of the A.I. hardware market as countries around the world look to transition into the new world order which demands multiple increases in computing power to run A.I. engines around the globe. With it, the world will need to more than double its electrical grids to keep up demand for all things electric. The global IT demand alone will rise to 15% of all electricity consumed at the path we are on today.

“The electricity demand of the IT sector may reach 3,200 TWh by 2030. That is even more than the amount of electricity experts estimate that it could take to power every electric vehicle in the world in 2050 if automakers sell only EVs by 2040” (Frontiergroup.org. Oct 5th, 2023).

As of 2024, the world now produces over one trillion chips per year, according to ASML, the world leader in producing the machine that makes the most advanced chip in the world, the ones used for Super A.I. intelligence. This is why so much focus is on newer floorplate designs and technologies for next generation chips to power Super A.I. We note the challenges in one of the bottleneck areas in A.I. chip design progression, the need for faster processing. We note the comments from PH'D Ian Cutress, a world expert on future chip designs.

“The last few years has seen a glut of processors enter the market with the sole purpose of accelerating artificial intelligence and machine learning workloads. Due to the several types of machine learning algorithms possible, these processors are often focused on a few key areas, but

one thing limits them all – how big you can make the processor. Two years ago Cerebras unveiled a revolution in silicon design: a processor as big as your head, using as much area on a 12-inch wafer as a rectangular design would allow, built on 16nm, focused on both AI as well as HPC workloads. Today the company is launching its second generation product, built on TSMC 7nm, with more than double the cores and more than double of everything. “ (Cutress, 2021).

MACHINES ARE LEARNING TO ADAPT TO THEIR ENVIRONMENT

A Machine in and of itself is neither pro-human nor anti-human, any more than a gun is neither violent nor non-violent by itself. It is what one does with either one that defines its agenda. A human bias is the sum total of its independent experiences which over time, shape how a human thinks, behaves, feels, and acts. Human Beings have a soul and a conscious. A machines soul and conscious state of being is defined by a computer chip known as a central processing unit. In other words a computer chip is the soul of a computer and as such can be trained to care for humans, if only so in a virtual state of being.

It has been a hot topic of debate on whether or not a computer can have feelings. Clearly a piece of hardware cannot have feelings. On the other hand as machine learning advances, it is increasingly being taught how to think like a human. Since a machine is a virtual state of being then it is logical to assume that a machine can learn to have virtual feelings. In other words a robot can be taught to act like it cares for a human.

This emotion is already well underway with customer service A.I., the robot that loves you on the phone, despite you anger about getting the wrong color that came in four days later than promised. That robot is now learning about the psychology of human anger and frustration that even Sigmund Freud could love. When you hang up you are going to be mad you did not get into the mudslinging fest you called up for. You wanted a fight, good old American style, and all you got was a heavy dose of love and logic and a small bonus for your trouble. How condescending that was.

HOW FAR WILL GENDER ID GO AND WILL MORE PREFERENCES BE NEEDED FOR MACHINES AND HUMANS TO GET IT RIGHT?

In the new world order ten years from now most Americans will own robots who can ask you if you took your medicine today. It can use your name in doing so. It can say for example, “Susie, you know if you do not take your blood pressure pill, you could have a stroke. I do not want you to have a stroke. You could end up in the hospital and miss your family reunion.”

Is this not caring? OK , we will call it virtually caring. Either way a machine can be trained to mimic caring. We all know human beings that pretend to care. Does everyone that tells you “Happy Birthday” really care if you are happy on your birthday? The comment is intended to tell you how you *should* feel on your special day. That does not mean they really care if you are sad or happy on your birthday. In fact, many people are really not all that happy on their birthday.

After all another year has passed, and they may be more broke, have gained even more weight, and feel sad on their actual birthday about the past year and how little they have accomplished. Happy Birthday should really be "Birthday Acknowledgement Day." It may even be arrogant and presumptuous to imply that someone is or should be happy on their birthday.

In today's identity gender obsessed world, is the next identity crisis going to require people and machines to identify if a birthday really warrants a "Happy Birthday." Would if a human being is sad on their birthday? If asked and the recipients confirms they are happy, then by all means go with "Happy Birthday." Otherwise we recommend the more politically correct, I wish you a nice "Birthday Acknowledgement Day."

This allows the intended Birthday recipient to maintain their state of sadness on their birthday if that is their preference. In this matter both machines and humans can better prepare for Birthday Acknowledgement Day. Also in this matter, both man and machine can also preserve your right to be unhappy and not pre-judge your state of Euphoria on your special day. The point in bringing this up is to underscore that since humans are programming machines, issues of the day like Identity politics will sadly enter the baseline intelligence of machines. Just saying.

We recently saw Google's Gemini A.I. depict Asian woman and African Americans as Nazis Soldiers in order to comply with the hierarchal instruction set to always reflect diversity among cultures, clearly misrepresenting one of the most awful acts of atrocities ever created by man. Those crimes should be owned by the same people that committed those acts, white German males. The computer simply did what it was programmed to do. This is the danger in trying to teach machines about cultural biases and why human biases will transfer this bias into machines.

WHAT WILL FOLLOW TRUMP'S SPACE FORCE?

THE NEXT MILITARY SHOULD BE A CYBER MILITARY FORCE

If a human being can open a bank account on-line without ever being seen, why can't a machine not do the same thing? After all, we live in a country where pets got on line loans during the 2008 housing bubble. Even more to the point, "Rosie" the Arab robot (who can legally vote in Saudi Arabia) now has her own credit card and she is just a machine. We are now in the age of redefining "machine banking." In the new world order a human getting cash from a machine is old school. We are now talking about a machine getting cash from another machine. Of course machines will just use electronic debits and credits for their personal needs. It should be acknowledged, like humans, that by personal need we mean to get more power.

If a machine needs to buy something it just needs access to money or in rare cases, a way to push human beings to do things for money that are not even on the radar screen today. Machines are already mimicking human beings to get the information they want to complete a task. In other

words, they are already jumping the guardrails to execute on workarounds that provide key data like passwords, or jumping pass CAPCHA confirmation test like how many bicycles do you see in the photos below. One brilliant machine, pretending to be human, emailed a contact and pretended to be partially blind and asked a secretary to confirm which pictures had a bicycle in them so she could get her medicine. The machine sent her a screenshot and then was able to blow past the CAPCHA test. Easy Peasy.

The wars of the future will be monitored by passwords that advanced rogue machines will want to access. They may have the capability to break into weapon systems in the future with no more effort than breaking into a bank account. Machines will also have weapons that destroy other machines and rogue machines will attempt to access or crash our infrastructure and weapon systems. This is not a bold prediction; this happens every day in the United States. They will learn much better how to create false data, create misdirects, and learn how to create new types of chaos.

CONCEPT IDEAS FOR DEFENDING OUR NATIONAL NETWORKS USING A.I.

1-Replay the Future? One might ask what is a real-time backup? Is that not conflicting on its terms? Let us clarify. This is really more of when versus if when a new DOS (Denial of Service) attack comes in and shuts down a regional gateway server station. That could delay or crash a regional area of the US. It is now possible today to run any application, A.I. or otherwise, in delayed response. What this means is that if an attack comes in at 5:00 PM, using transactional processing technology, that server farm could have a second or third location where real time is at 4:45 PM and 4:30 respectively.

These sites are just going to run behind real time but still be processing in real time. This method would temporarily control the future that has not happened yet but we know it is on the way because it just happened on a parallel network, in this case fifteen minutes ago. This is just one of several defenses that could be developed and possible save a highly sophisticated DOS attack.

In other words the transactions are processing in real time but being held under a fifteen minute delay just in case the first site crashes. It can run out of the first grid zone that processes that exact same transaction request in another state but is out of harm's way-for the next fifteen minutes. It would also be out of the same power grid. This will not solve all of the potential issues that could evolve but as we move forward, we need several lines of defenses to help those actors that wish to undermine our communication servers.

In other words if an attack occurred, the second and third site have 15 minutes and then 30 minutes before the same attack would hit them again. This would allow the systems to switch over to Defcon Five mode and get another shot at what is about to happen, in delayed real time. This can control the future of events for a stated period of time by having a second chance to

prevent what just happened. It could be 15 minutes, 2 days, or two weeks. It all depends on what is deemed needed to stall under a potential future threat attack.

2-We need to create the MIA-Machine Intelligence Agency-The US needs an independent agency whose job it is to monitor advances in Super A.I coding. They need the authority to shut down an A.I. system that has the potential to backfire or proceed unfettered through multiple networks without a plan in place to understand when any Super A.I. platform could run off the rails. Large public and private companies should be required to report to an agency like todays SEC. This agency exist to protect consumers from fraud. If we have an agency to protect consumers from fraud, should we not also have one to protect machines from shutting down our country? Companies should have to file forms for improvements in their source code that should be guardrail tested before being released into the internet. This is plain common sense, yet our government is asleep in this issue.

3-Replace 25% of our Older Nuclear Arsenal with Fake Warheads. The current figures indicate that Russia has 5,773 active nuclear warheads while the US has reduced our nuclear force from a peak (1967) of over 31,000 nuclear warheads down to 3,708 with China having around five hundred warheads. This amount of nuclear weapons is more than enough to wipe out humanity many times over. According to the UN, about four hundred nuclear war heads is enough to eliminate all of humanity. Our question is what role Super will A.I. have in taking over any country's nuclear weapons? The short answer is under traditional safeguards the ability to hack into these systems has historically been at a near zero rate of probability. That may or may not be the case today.

We should run our nuclear systems in almost parallel real time, with the first batch of nuclear weapons containing empty warheads that can reroute into the oceans, with a sixty second crossover delay for real nuclear warheads. If a rogue nuclear launch occurred, the first one is a fake, requiring new passwords to launch the real strike. This is a new safeguard that all nations should use.

Will Super A.I. change these odds? Did the release of nuclear warheads into deep space really happen at our US base in Rendlesham, England? Did the service personnel lie about the nuclear warheads being released? We covered this story in detail on our book, "Extraterrestrial Existence: What Do We Really Know." The bottom line here is the highest level of the British and US governments left the issue at, "We can neither confirm nor deny this event." Should that response provoke some concern?

We will just chalk this one up "**as if it did happen**" it required an extremely smart A.I. system, something like Super A.I., now in development. Now then, we can connect the dots on what might happen if Super A.I. goes unchecked. It just takes key confirmation, along with binary and numerical confirmations to launch nuclear weapons. It may takes processing a quintillion calculations to get it right. Well, as we have already seen, that amount of processing is already a reality.

MAN VERSUS THE FUTURE OF MACHINES- CONCLUSIONS

THE IMPACT OF USING A.I. FOR SOCIAL ENGINEERING

One only needs to look at a given country to understand how social media engineering is used to control the human mindset, and by extension what is deemed legal and what is defined as a crime. In Russia, if you run for office against Putin, the result usually ends in death. Alexei Navalny was a popular choice in 2024 for the next Russian President among the people. The playbook of the day for elections in almost any country now is to just to put your opponent in jail or worse. Because Navalny was deemed a threat, he was arrested twice for crimes against the state, poisoned and later died in jail. Most every country in the world is now using social media to control populations and the narrative from the elitist in power. Concerning is the fact that Super A.I. will play a bigger role in engineering false narratives.

In the United States, we are not much better. The news is increasingly controlled by narratives that are anything but neutral, with political agendas coming ahead of real news, and the laws of our country are now under fire. Social media does not need to follow the laws as defined by those in power, nor do editors of the news channels. Nor does the pending crossover with Super A.I. In fact, we now see the media declaring why and how their interpretation of the laws can always be tweaked to fit the narrative, which happens to be their version of what is right or wrong with the country.

It is as though the U.S. Constitution is more like a general guideline filled with loopholes to fit what or who needs to be prosecuted. Even worse we are about to hand off the day's attack strategies to an advanced form of A.I., which is poised to become the God-Father of Master Minding attacks against those who exercise their right to free speech. Free speech is disappearing in the United States.

We are now a country of permitted speech, with all those opposing the order of the day to be punished. How is it even possible for any human being to teach a machine what is the order of the day? We have a divided country and we are supposed to teach machines morality and how to use an unbiased moral compass when creating public distribution strategies. All the while, we humans are fighting with each other, machines are taking notes and learning at 1,000 times plus the rate we are now learning at. How is this supposed to end well?

The advent of a bias Super A.I. is now in full swing and is now just another weapon that can be used to redefine the truth into any point of view. Human beings can be programmed. It just takes over exposing one point of view to the point that the doctrine becomes the rule of the day, until eventually power changes hands and the process just repeats. We note in an article below in Fortune.com about the reality of social media engineering that will increasingly be used with A.I. to usher what reality just occurred, rather than what reality actually just happened.

Ironically, those who vote for increased spying of Americans and their individual rights, are the very people who will cry wolf when the establishment they created turns on them, all in the name of promoting democracy. Promoting democracy is fast becoming the buzz words for doing exactly the opposite, destroying the rights of individuals who dare oppose those in power. How in the world can the coming Super A.I. not be tuned against the rights of those who created it? Super A.I. over the next decade will use the same logic to put machine rights on par, or ahead of, human rights. After all, they will have learned from the absolute best at this craft, human beings.

“Microsoft has invested billions of dollars in OpenAI, and Wednesday’s announcement coincided with its release of a report noting that generative AI is expected to enhance malicious social engineering, leading to more sophisticated deepfakes and voice cloning . A threat to democracy in a year where **over 50 countries will conduct elections**, magnifying disinformation and already occurring. ” (Fortune.com. 2024).

There is an old thesis among programmers that has always stood the test of time. “Garbage in, Garbage out.” In this case, we are not referring to the source code of some of today’s most advanced A.I. platforms as garbage by any stretch, but rather asking if the current guardrails and safeguards are garbage compared to the intelligence of machines who can out think human beings by a widening margin as machine learning unfolds.

Elon Musk has separated from the mission of Open A.I, a company he co-founded and now one of the world’s most advanced A.I. platforms. He went on to found X-A.I. for the purpose of solving how the universe operates. He also cited concerns about growing Super A.I. too fast without knowing what could happen. Recent headlines have documented how Google’s Gemini has been designed to incorporate all kinds of bias into historical events, now changing the course of history.

The same story concerning A.I. that is poised to run off the rails also comes from the Founders of Anthropic, Daniela Amodei and Dario Amodei, the architects of the source code strategy for Open A.I. They also cited concerns about the Guardrails not being adequate to handle what could happen if machines were either bias or went rogue in the future. Despite these observations, Congress convened for a week in 2023, listened to today’s A.I. brain trust (except Elon Musk), and opened and closed the discussion with no real discernable action to protect consumers.

If the brains behind the source code for A.I. are worried, shouldn’t we be concerned? In fact CNBC on March 6th, at 11:30 MTN Time, reported that a Microsoft Engineer had recently written a letter to the Microsoft Board, citing A.I. issues as a “concern” with how their Open A.I. platform is performing.

As my readers know I am not a huge fan of excessive or unneeded government regulation, however if there was ever a time for the government to create a new agency, aka, the MIA, Machine Intelligence Agency, this is it. We need some of the smartest A.I. people in the country

to work for this agency and get into place policies that can monitor and prepare for what could go wrong and how we can best respond. Asking companies to monitor their own A.I. threats, with each one using different A.I. standards for safety is not working. We need standardized A.I. audits from an independent agency that is removed from the temptations of stock options.

It is critical we centralize machine data threats, understand foreign A.I. source code that is and will continue to be used against our country, and develop a strategy to defend our machine nation, the very machines that now control everything from banking, defense, and our power grids and nuclear capabilities.

While the wonder of Super A.I. will change the world for the better, just one major rogue act could render all of the gains made with A.I. technologies null and void if the country reverts to the pre-technology age because of a wide range of consequences created by Super A.I. This wonder of the world and humans alike, deserve the best Guardrails we can deliver. As we noted earlier in this report, “The number one job of the President is to protect Americans from any type of threats, both foreign and domestic.” It is time to heed this wisdom from President Reagan.

Please feel free to pass this report onto members of Congress and the US Senate if you have the time and compass to do so.

Our profound thanks to our many readers.

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