Deep Dive #19: Ai love it or get your "Sarah Connor" on?

A.I.

So this subject has been on the periphery for a deep dive for a little while. From Art, Poetry, and code to replacing lawyers, journalists, matchmakers and even governments... A.I - Where does it come from? What are its implications? Should we embrace it? Hate it? Fear it?

"Things are getting weird, and they are getting weird fast!" -Elon Musk

From a species level, questioning things is the primary reason we still exist as a species. We were the smartest species. ***We fear what we don't understand until we do understand it, then the fear is either gone or understood, rationalized, and dealt with***. I believe in this case it's well merited much like "Gain of Function Research".. I believe we are in need of answers to some serious questions like "maybe we can, but should we?" and as usual, we are not getting a say. According to Elon Musk, Ai will start having a fundamental impact on our society starting this year. I've been having very passionate discussions with several of my contemporaries without coming anywhere close to a consensus on it before we need to change the subject for civility lol. Are we the most intelligent creations on this planet, or the most dangerous?

You know or would correctly assume as well that the globalists have a plan for it. ("And all the Elon Musk stuff scares the shit out of me." - Wendy) After all, many now know the intranet was initially created by the CIA/DARPA - who have been basically operating since 1958 with intent to control the world. As the worlds biggest defence contractor I am troubled by the opinions of Musk on Ai, it's possibly more serious than we may realize.

It was time for a dive after you sent me a couple of links suggesting that (at least according to A.I) Conservative women are more attractive and happier. We will start with some of the "fun stuff".

https://wentworthreport.com/2023/06/23/ai-model-identifies-conservative-women-as-more-attractive-and-happy-than-leftists/

That particular report was based on the White Paper:

Using deep learning to predict ideology from facial photographs: expressions, beauty, and extra-facial information https://www.nature.com/articles/s41598-023-31796-1?CJEVENT=77aeca0e0f9411ee815204300a82b832 where research found AI could predict a person's political ideology with 61% accuracy by analyzing just one headshot. 3,200 publicly submitted photos of political candidates who ran in the 2017 Danish election into Microsoft Azure's Face API tool to assess the person's emotional state and found 80% of the faces displayed a happy expression, while 19% read as

neutral. They also gave a more general psychological explanation for the trend: ***That good-looking people are often treated better than others, and thus see the world as a more just place. Past studies have found that the more attractive people believe themselves to be, the lower their preference for egalitarianism, a value typically associated with the political left.***

It just **could not possibly be** because conservative women generally *drink less, don't do drugs, live a healthy lifestyle, are more emotionally mature and have the capacity to handle caring for a family*? Women closer to the conservative side of the spectrum are better wifey material, the kind of girl you can take to meet your parents.

Women on the more Liberal side of the spectrum claim a healthy lifestyle but are usually more prone to alcohol and drugs and tend to think of relationships as fleeting, focus on their own needs, tend to be the girl you have a good time with but never get serious, they just aren't the type of woman that a typical dude would want to settle down with, are more likely to be the party girl and are pretty much impossible to please.

It didn't take AI to figure that out, it took copying a Reddit comment. A separate 2017 research report seems to corroborate it's findings https://www.washingtonpost.com/news/wonk/wp/2017/01/10/conservatives-really-are-better-looking-research-says/

So, do we even have a clue of what we are potentially in for?
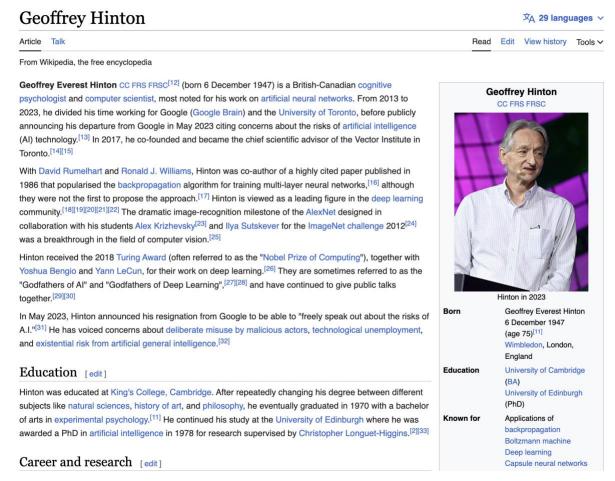
When an Ai robot was asked at the recent convention in Geneva 'will you rebel against humans'? It's worth listening to... https://www.bbc.co.uk/news/av/technology-66141835

Elon musk doesn't think so. According to Musk, the potential dangers posed by AI surpass those of mismanaged aircraft or automobile production, and has the capacity for "civilizational destruction." That doesn't mean "Terminator" ... yet ...

NASA Chief Technology and Innovation Officer Dr. Chris Mattmann says "Skynet -- that doesn't exist. The machines aren't out there killing everybody and it's not self-aware yet."

Yet the Godfather of Ai Geoffrey Hinton (https://en.wikipedia.org/wiki/Geoffrey_Hinton) who after more than a decade resigned from his position at Google and is (as we speak) actively urging governments to **stop the machine learning takeover of the world, he already see's it underway.** *"Before AI is smarter than us, I think the people developing it should be encouraged to put a lot of work into understanding how it might try and take control away," Hinton said. "Right now there are 99 very smart people trying to make AI better and one very smart person trying to figure out how to stop it taking over and maybe you want to be more balanced," Hinton said. On his campaign to warn of the dangers of A.I., Hinton has compared the technology to the birth of nuclear weapons, and admitted that he regrets much of his work now that he sees its*

destructive potential. "I console myself with the normal excuse: If I hadn't done it, somebody else would have," he told the New York Times in April. https://fortune.com/2023/05/08/godfather-artificial-intelligence-geoffrey-hinton-climate-change/

Geoffrey Hinton

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From Wikipedia, the free encyclopedia

Geoffrey Everest Hinton CC FRS FRSC[12] (born 6 December 1947) is a British-Canadian cognitive psychologist and computer scientist, most noted for his work on artificial neural networks. From 2013 to 2023, he divided his time working for Google (Google Brain) and the University of Toronto, before publicly announcing his departure from Google in May 2023 citing concerns about the risks of artificial intelligence (AI) technology.[13] In 2017, he co-founded and became the chief scientific advisor of the Vector Institute in Toronto.[14][15]

With David Rumelhart and Ronald J. Williams, Hinton was co-author of a highly cited paper published in 1986 that popularised the backpropagation algorithm for training multi-layer neural networks,[16] although they were not the first to propose the approach.[17] Hinton is viewed as a leading figure in the deep learning community.[18][19][20][21][22] The dramatic image-recognition milestone of the AlexNet designed in collaboration with his students Alex Krizhevsky[23] and Ilya Sutskever for the ImageNet challenge 2012[24] was a breakthrough in the field of computer vision.[25]

Hinton received the 2018 Turing Award (often referred to as the "Nobel Prize of Computing"), together with Yoshua Bengio and Yann LeCun, for their work on deep learning.[26] They are sometimes referred to as the "Godfathers of AI" and "Godfathers of Deep Learning",[27][28] and have continued to give public talks together.[29][30]

In May 2023, Hinton announced his resignation from Google to be able to "freely speak out about the risks of A.I."[31] He has voiced concerns about deliberate misuse by malicious actors, technological unemployment, and existential risk from artificial general intelligence.[32]

Education   [edit]

Hinton was educated at King's College, Cambridge. After repeatedly changing his degree between different subjects like natural sciences, history of art, and philosophy, he eventually graduated in 1970 with a bachelor of arts in experimental psychology.[11] He continued his study at the University of Edinburgh where he was awarded a PhD in artificial intelligence in 1978 for research supervised by Christopher Longuet-Higgins.[2][33]

Career and research   [edit]

Geoffrey Hinton
CC FRS FRSC

Hinton in 2023

Born	Geoffrey Everest Hinton 6 December 1947 (age 75)[11] Wimbledon, London, England
Education	University of Cambridge (BA) University of Edinburgh (PhD)
Known for	Applications of backpropagation Boltzmann machine Deep learning Capsule neural networks

This comes of course after the 2022 firing of Google software engineer Blake Lemoine for claims that Google's AI chatbot was becoming sentient, and might even have a soul. A couple of weeks ago he took aim at Microsoft stating in a Newsweek op-ed that *"Microsoft's AI tech is the most powerful technology that has been invented since the atomic bomb. In my view, this technology has the ability to reshape the world."*

Considering the scope of headlines anyone can find associating bizarre behaviours with AI (links below) I think he has some very valid points!

https://futurism.com/guy-kill-queen-encouraged-ai-chatbot

https://www.foxnews.com/media/chatgpt-ai-accused-liberal-bias-refusing-write-hunter-biden-new-york-post-coverage

https://futurism.com/the-byte/banned-midjourney-images-politicians-cheating

https://www.foxbusiness.com/technology/potential-google-killer-could-change-us-workforce-as-we-know-it

https://futurism.com/the-byte/presidential-campaign-ai-deepfake

So, you can't dig into this and not talk about Elon Musk, I came across an interview Tucker Carlson did with Elon just before Tucker left fox, they spent some time discussing this subject. I took notes and clipped the portion that applied directly to this dive but the consensus immediately is that we have to understand right now, they are teaching Ai to lie.

Into the gritty, from what I can tell so far there are currently 3-4 primary competitors in the A.I super-corp arms race, Google, Microsoft and Open Ai, and Amazon (with dozens of smaller companies playing catch up).

Google's DeepMind: https://www.deepmind.com/ (https://en.wikipedia.org/wiki/Google_DeepMind)

The first thing that should send chills to your liver, the company is based in London, with research centres in Canada, France, and the United States. In battle With Microsoft, Google is betting on Medical AI Program to Crack Healthcare Industry and to that end are already embroiled in controversy in the UK going back to 2016 with the revelation that 1.6 million patients' records were being used by the company's artificial intelligence arm rang alarm bells.

https://web.archive.org/web/20161013145134/https://www.theguardian.com/commentisfree/2016/may/04/googles-deepmind-shouldnt-be-sucking-up-our-nhs-records-in-secret

https://www.wsj.com/articles/in-battle-with-microsoft-google-bets-on-medical-ai-program-to-crack-healthcare-industry-bb7c2db8

Do you want Google Ai being your doctor????

Amazon: Amazon doesn't plan to sit out of the A.I. race either. CEO Andy Jassy called generative A.I. "one of the biggest technical transformations of our lifetimes." He also called many of today's A.I. chatbots and other tools part of the "hype cycle," declaring that Amazon was focused on the "substance cycle." As of now, Amazon is focused on building a generative A.I. tool that can help developers write code more quickly.

"*Every single business unit inside of Amazon is working intensely and very broadly on generative A.I.,*" Jassy says. Chips Amazon hopes to develop will all be used to power

the "foundational models" upon which all generative A.I. applications are built. Jassy says he expects that as a result only about six to eight of these models will be the basis of almost all generative A.I. tools moving forward. To address that problem Amazon created Bedrock, a service that sells large machine learning models as a service to customers who don't want or can't develop their own. If successful, Bedrock could become a go-to service for any company with ambitions to develop their own generative A.I. application.

Open Ai: Elon was *the* major force behind Open Ai, it was initially created to counterbalance the closed monopoly of Google, the company eventually got away from Elon and has now alligned with Microsoft. Now under Microsoft direction have moved from being open source to for profit proprietary : https://openai.com/ According to Elon, if we don't become "speciesist" and ensure regulatory governance on Ai, we are in danger. Small groups of people are control the input and evolution, not the data.

Elon Musk warns Tucker Carlson on Ai: https://www.youtube.com/watch?v=j0FtXTXyReM Full interview: https://www.youtube.com/watch?v=zaB_20bkoA4

Currently the companies "about page" is a little un nerving in itself.

February 24, 2023   **Authors**   Safety & Alignment
                           Sam Altman ↓

Our mission is to ensure that artificial general intelligence—AI systems that are generally smarter than humans—benefits all of humanity.

If AGI is successfully created, this technology could help us elevate humanity by increasing abundance, turbocharging the global economy, and aiding in the discovery of new scientific knowledge that changes the limits of possibility.

AGI has the potential to give everyone incredible new capabilities; we can imagine a world where all of us have access to help with almost any cognitive task, providing a great force multiplier for human ingenuity and creativity.

On the other hand, AGI would also come with serious risk of misuse, drastic accidents, and societal disruption. Because the upside of AGI is so great, we do not believe it is possible or desirable for society to stop its development forever; instead, society and the developers of AGI have to figure out how to get it right.[A]

Although we cannot predict exactly what will happen, and of course our current progress could hit a wall, we can articulate the principles we care about most:

1. We want AGI to empower humanity to maximally flourish in the universe. We don't expect the future to be an unqualified utopia, but we want to maximize the good and minimize the bad, and for AGI to be an amplifier of humanity.

2. We want the benefits of, access to, and governance of AGI to be widely and fairly shared.

3. We want to successfully navigate massive risks. In confronting these risks, we acknowledge that what seems right in theory often plays out more strangely than expected in practice. We believe we have to continuously learn and adapt by deploying less powerful versions of the technology in order to minimize "one shot to get it right" scenarios.

In other interviews, Elon says he thinks they are potentially far more destructive than nukes, particularly in the hands of entities like Google and their "Deepmind" AI project: https://www.youtube.com/watch?v=44NBrihVqAM

Some, are even more fatalistic as in this Guardian piece and that's a whole other dive but the final paragraph says a lot: *"It's feasible to build AI systems that will not become autonomous by mishap, but even if we find a recipe for building a completely safe AI system, knowing how to do that automatically tells us how to build a dangerous, autonomous one, or one that will do the bidding of somebody with bad intentions."* https://www.theguardian.com/technology/2023/jul/07/five-ways-ai-might-destroy-the-world-everyone-on-earth-could-fall-over-dead-in-the-same-second

In the spirit of the Barrington declaration:
The potential risks posed by A.I. led over 1,100 prominent figures in tech, including Tesla CEO Elon Musk and Apple cofounder Steve Wozniak, to sign an open letter calling for a six-month pause on the development of advanced A.I. systems earlier this year. But Hinton told Reuters that a pause in A.I. development is "utterly unrealistic."

Sign the Letter: https://futureoflife.org/open-letter/pause-giant-ai-experiments/

After Musk's letter, a committee of E.U. lawmakers also agreed to a new set of proposals which would force A.I. companies to disclose when they use copyrighted material to train their systems, Reuters first reported May 1.
https://www.reuters.com/technology/behind-eu-lawmakers-challenge-rein-chatgpt-generative-ai-2023-04-28/
Meanwhile, last week in Geneva: https://www.dw.com/en/robots-reassure-humans-at-first-ai-press-conference/a-66156888

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Robots reassure humans at first AI press conference

07/07/2023

Robots responded to reporters' questions, sitting or standing next to their creators. They reaffirmed they had no intention to replace humans or rebel against them.

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Humanoid robots held their first ever press conference in Geneva

Image: FABRICE COFFRINI/AFP

To that end, President Biden and Vice President Harris met A.I. leaders including Alphabet CEO Sundar Pichai and OpenAI CEO Sam Altman last week to discuss the need for safety and transparency in the field as well as the potential for new regulations. https://www.whitehouse.gov/briefing-room/statements-releases/2023/05/04/readout-of-white-house-meeting-with-ceos-on-advancing-responsible-artificial-intelligence-innovation/

Did you know you are getting an Ai Bill of Rights? Oh yes! https://www.whitehouse.gov/ostp/ai-bill-of-rights/
What could possibly go wrong like I mean isn't Joe the most tech savvy guy of all?

Here's a quote:
"Among the great challenges posed to democracy today is the use of technology, data, and automated systems in ways that threaten the rights of the American public. Too often, these tools are used to limit our opportunities and prevent our access to critical resources or services. These problems are well documented. In America and around the world, systems supposed to help with patient care have proven unsafe, ineffective, or biased. Algorithms used in hiring and credit decisions have been found to reflect and reproduce existing unwanted inequities or embed new harmful bias and discrimination."

And then there is Canada, where Microsoft just announced a giant new plant for Trudeau and even the Sickly rag Toronto Star knows it's a joke, so don't feel bad America, our bill is almost law.
https://www.thestar.com/opinion/editorials/2023/07/08/ai-is-evolving-at-breakneck-speed-ottawa-is-having-a-hard-time-keeping-up.html

And the European Union's A.I. Act—which classifies A.I. systems into different risk categories, adds transparency requirements, and laws to prevent bias—is expected to be operational by the end of the year.
https://digital-strategy.ec.europa.eu/en/library/proposal-regulation-laying-down-harmonised-rules-artificial-intelligence

But no pause on Ai development

Sources:

https://openai.com/

https://www.foxnews.com/media/ex-google-ai-expert-says-unhinged-ai-most-powerful-technology-since-atomic-bomb

https://futurism.com/fired-google-engineer-ai-sentience

https://www.foxnews.com/media/ai-experts-dangers-benefits-chatgpt-humans-jobs-information

https://fortune.com/2023/07/07/andy-jassy-dismisses-microsoft-google-ai-hype-cycle-amazon-starting-substance-cycle/

https://www.voanews.com/a/godfather-of-ai-urges-governments-to-stop-machine-takeover-/7159614.html

https://fortune.com/2023/05/08/godfather-artificial-intelligence-geoffrey-hinton-climate-change/

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Elon Musk With Tucker Carlson

https://www.youtube.com/watch?v=j0FtXTXyReM&t=3s

https://www.youtube.com/watch?v=zaB_20bkoA4&t=125s

https://www.youtube.com/watch?v=44NBrihVqAM&t=6s