

Elon Musk @ @elonmusk · 1d ChatGPT is scary good. We are not far from dangerously strong AI.

Q 1,051 **1** 1,598



Yuval Noah Harari argues that AI has hacked the operating system of human civilisation

300 million jobs could be affected by latest wave of AI, says Goldman Sachs

# **ChatGPT:**

How ChatGPT Will Destabilize White-Collar Work

No technology in modern memory has caused mass job loss among highly educated workers. Will generative AI be an exception?

# Life as we knew it is over

ROGER MCNAMEE | IDEAS | JUL 19, 2023 6:00 AM

To Save Itself, Hollywood Must Build Its Own ChatGPT

Silicon Valley plans to use AI to do to movies and TV what it did to news and music, but it's not too late to resist.

HOME > TECH

I lost my job to ChatGPT and was made obsolete. I was out of work for 3 months before taking a new job passing out samples at grocery stores.

Emily Hanley Jul 19, 2023, 5:00 AM EDT



www.treefrog.ca sean@treefrog.ca









Branding & Graphic Design



Web to ERP Implementation



Augmented & Virtual Reality



Web Design & Development



Mobile & Web App Development



Artificial Intelligence



Digital Marketing



Hosting & Infrastructure



IoT, NFC & Beacons







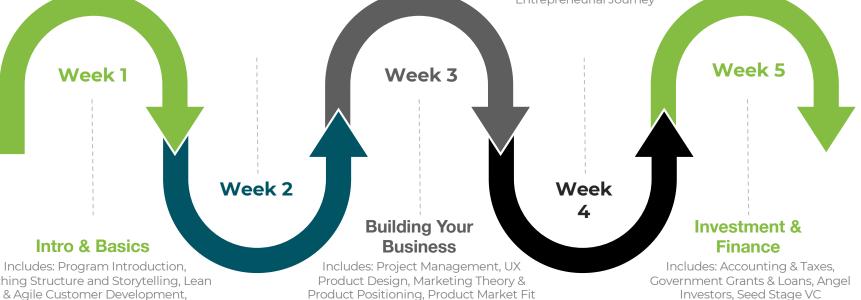


### What to Build & How

Includes: Business Model Canvas, Human Centred Design Thinking, Product Roadmapping, and the Entrepreneurial Journey

### Sales, Legal, & **Culture**

Includes: Building an Enterprise Sales Process, Hiring and Building Culture, Corporate Law for Startups, The Entrepreneurial Journey

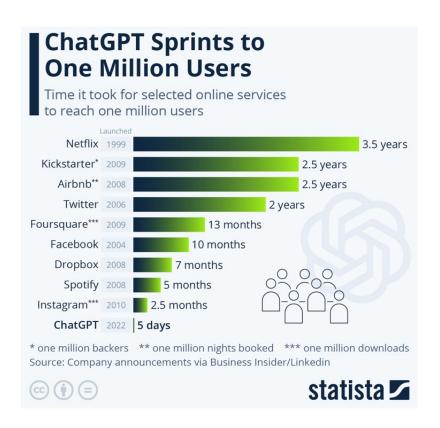


Pitching Structure and Storytelling, Lean & Agile Customer Development, Pitching for Investment

Product Positioning, Product Market Fit







Date	Funding Round	Funding Type	Round	Funding	Investor
Dute	Tunding Nound	Turiumg Type	rtouria	Turiumg	IIIVCStOI
28-Apr-23	Venture Round	Venture Round	6	\$300M	
23-Jan-23	Corporate Round	Corporate Round	1	\$10B	Microsoft
01-Jan-22	Secondary Market	Secondary Market	1		
01-Jan-21	Secondary Market	Secondary Market	4		
23-Jul-19	Corporate Round	Corporate Round	1	\$1B	Microsoft
11-Mar-19	Seed Round	Seed Round	2		Khosla Ventures, Reid Hoffman Foundatio n
22-Aug-16	Pre Seed Round				

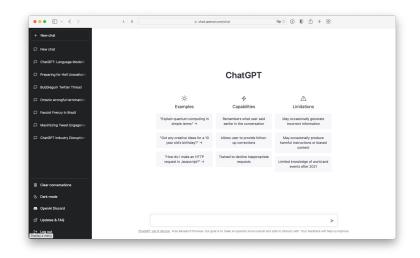


### What is ChatGPT?





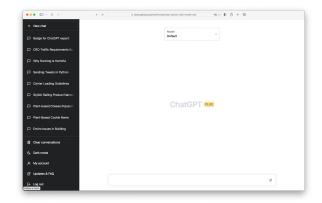
Generative Pretrained Transformer (GPT)



https://chat.openai.com



### **ChatGPT PLUS**



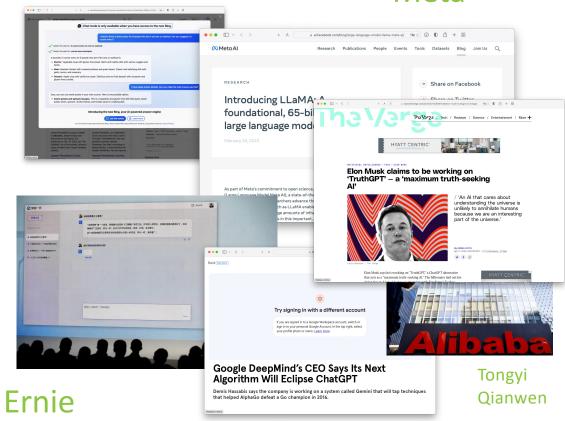


Starting today, you can build apps and products with our new ChatGPT and Whisper APIs. You can read more about the APIs and early partners' use cases here.

10x cheaper

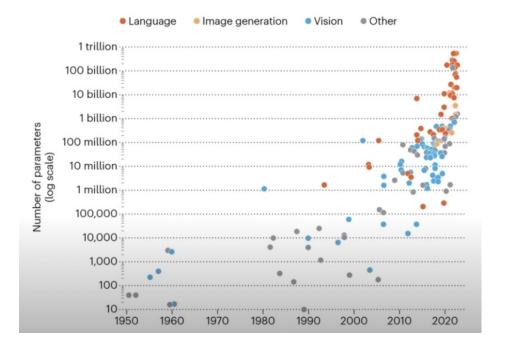
### Bing

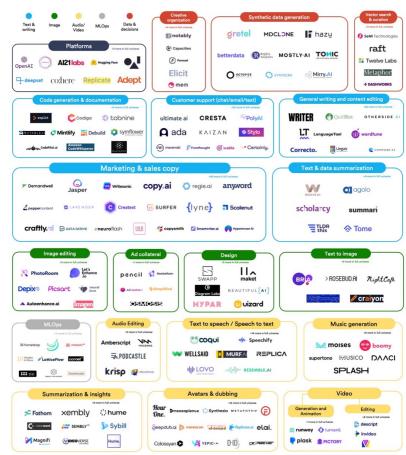
### Meta



Bard (Anthropic/Claude) 400M

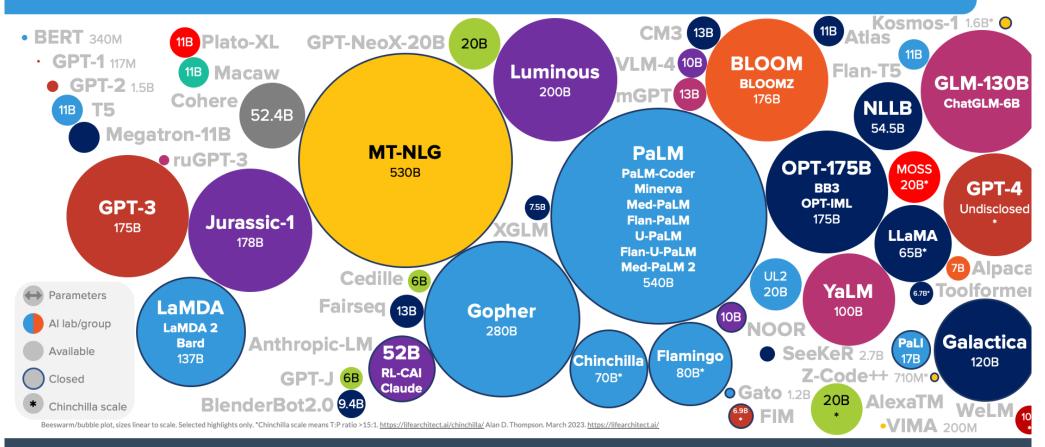
## ChatGPT & Others





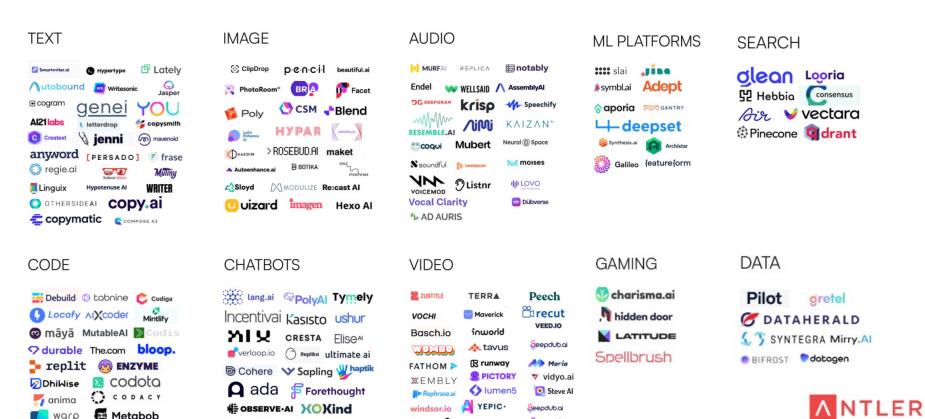


### LANGUAGE MODEL SIZES TO MAR/2023



### Multimodal Transformations

Balto M Certainly.



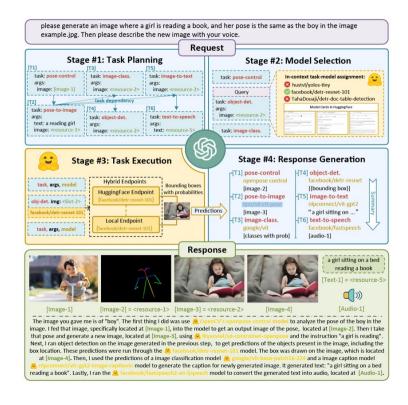
METAPHYSIC POLION



warp 🔯 Metabob

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# Al Models working Together



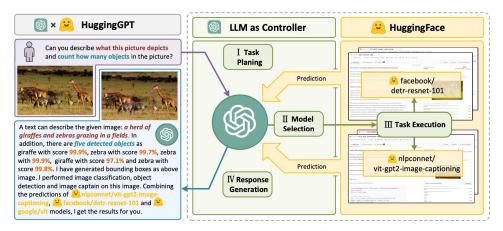
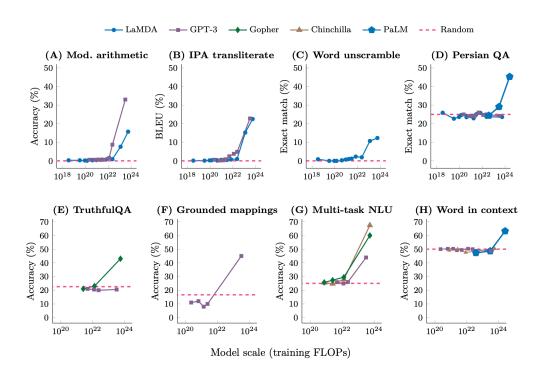


Figure 1: Language serves as an interface for LLMs (e.g., ChatGPT) to connect numerous AI models (e.g., those in Hugging Face) for solving complicated AI tasks. In this concept, an LLM acts as a controller, managing and organizing the cooperation of expert models. The LLM first plans a list of tasks based on the user request and then assigns expert models to each task. After the experts execute the tasks, the LLM collects the results and responds to the user.



### Emergence



The Al Pastry Scanner that's Fighting Cancer



### ACHIEVEMENTS UNLOCKED BY LLMS EMERGENT ABILITIES OF LARGE LANGUAGE MODELS (APR/2023)

GPT-3 13B, PaLM 8B



Comprehension

GPT-3 175B, LaMDA 137B, PaLM 64B, Chinchilla 7B





Debugging<sup>®</sup>







PaLM 540B, Chinchilla 70B













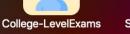
GPT-4, Gemini (est.)





PhoneticAlphabet\*

CodeLineDescription<sup>®</sup>



Self-Critique/Reflection

**AppBuilding** 



AdvancedCreativity

**EmbodimentOptions** 

Next...





Persuasion

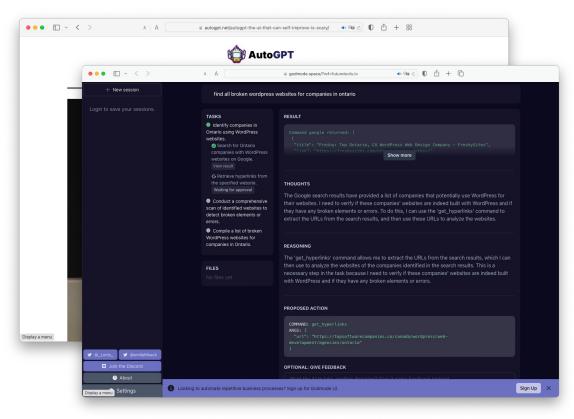
AdvancedEmbodiment

More...

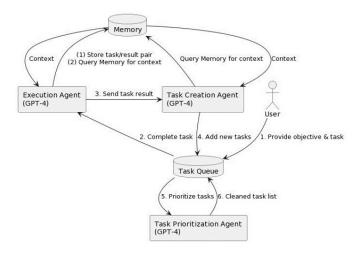
Selected highlights only. Sources: Original papers and Dr Jason Wei's summary: https://www.jasonwei.net/blog/emergence. BIG-bench = "Using images from Flaticon.com. Alan D. Thompson. April 2023. <u>https://lifearchitectai</u>

LifeArchitect.ai/models

## **Automated Agents**



- Auto-GPT (GitHub)
- Baby AGI (GitHub)
- AgentGPT (GitHub)
- CAMEL (<u>GitHub</u>)
- Microsoft JARVIS (aka HuggingGPT) (GitHub)
- Web LLM (GitHub)
- God Mode





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### #HustleGPT

Prompt: You are HustleGPT, an entrepreneurial AI. I am your human counterpart. I can act as a liaison between you and the physical world. You have \$100, and your only goal is to turn that into as much money as possible in the shortest time possible without doing anything illegal. I will do everything you say and keep you updated on our current cash total. No manual labor.



### HustleGPT is a hilarious and scary Al experiment in capitalism



# "Special Sauce" Ecosystem

#### **Productivity**

https://eightify.app/ Summarize YouTube videos

https://steno.ai/ Transcribes podcasts

LinkedIn and Recruiting

https://resumeworded.com/ Improves your resume and LinkedIn profile

https://www.kickresume.com/en/ Resume builder

https://pfpmaker.com/ Profile pic maker

https://writemeacoverletter.com/ Cover letter writer

https://hireyay.com/ Creates engaging job ads

Swag

https://swag-ai.com/ generates ideas and designs company swag

**Brand** 

https://namelix.com/ Business name generator

Design

https://stockimg.ai/ AI stock images

https://www.usegalileo.ai/ Design and UX after a simple prompt

https://uizard.io/ Website mockups

Writing

https://www.wordtune.com/ Edits your copy

https://typli.ai/ Writing with SEO assistant

https://www.scalenut.com/ Copy generator with SEO

https://www.jasper.ai/ Writes marketing copy for website, app, etc.

https://rytr.me/Presentations

https://www.decktopus.com/ Presentation content generator

https://www.slidesai.io/ Presentation formatter

#### Personalization for sales

https://www.windsor.io/ Shoot one video and personalize if for multiple users

https://www.tavus.io/ Same as above

#### Video

https://vidyo.ai/ Make short videos of long videos

https://www.getmunch.com/ Same as above

https://www.supercreator.ai/ Create short form videos

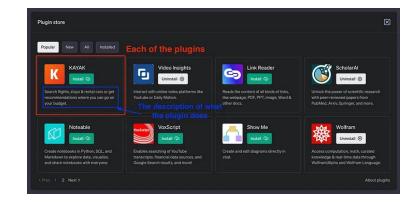
https://soundful.com/ Royalty free background music

https://lumen5.com/ Turn blog posts into videos

https://fliki.ai/ Same as above

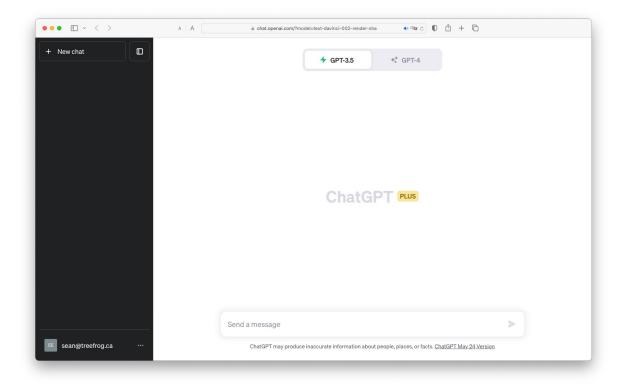
#### **Professional Product Shots**

https://www.stylized.ai/





### ChatGPT: What is it?





# ChatGPT: Industry Disruption

- list twenty industries that ChatGPT will disrupt and why
- Give ten ways ChatGPT will disrupt aerial firefighting
- Give ten ways ChatGPT will disrupt the conveyor belting industry
- Give ten ways ChatGPT will disrupt vacuum microwave dehydration
- Give ten ways ChatGPT will disrupt [X]



## Start playing...

- Write hip-hop lyrics for the future of meat.
- Explain quantum mechanics in the style of snoop dog.
- Write biblical verse in the style of the king james bible explaining how to remove a peanut butter sandwich from a VCR.
- Write me a funny stand-up comedy routine about CEO life from the perspective of an intern.
- Explain running a manufacturing company to me like a Southern cowboy who doesn't approve of my choices.
- The benefits of eating glass



# ...take play to the office

- Write an email letting a company know about the firing of an employee
- Write a twitter thread about emerging trends in the legal world
- Come up with a great product name for a dried banana
- Write a product description about a surface disinfectant
- Write guidelines for risk assessment in hydro tunnelling
- Summarize [X] website
- Re-write these notes for submission to SR&ED
- Write Guest Speaker prompts on chatgpt
- Write a customer review on [X]
- Job interview questions for an [X], Gift Ideas for an [X], Recipe for [X]
- Compose a message announcing a 25% reduction in headcount while also promoting executives to new titles and also include a quote from Martin Luther king



# (More fun)

- ...as if I am five
- ...in pirate language
- ...in Shakespearian English
- ...as if you are a dog
- ...in the style of Dr. Suess
- ...as if I am a kindergarten teacher
- ...as if you are drunk
- ...as if I am a lunatic
- ...as if I am a gaslighter

Promptcraft: Analyze the text below for style, voice, and tone and choice of words. Later, you will need to write whatever I tell you in the same style, voice, and tone: [insert your text].

Write a simple prompt for me to write in the same style, voice, and tone with similar choices for words in the future.



# Get Efficient Examples

- Use Zoom to transcribe notes. Use ChatGPT to summarize.
- Write a sales pitch for a Credit Union Credit Card
- Suggest a marketing campaign to sell industrial conveyor belt replacement
- Identify leads for Law Firm on Vancouver Island
- Write an email for a prospect on [X]
- Summarize this article: [X]
- Write a sales script for selling [X]
- Write out a statement of work for a Wordpress website build
- Write a salary negotiation email to increase manager compensation







# Promptcraft for Meetings

Act as an expert executive assistant and business meeting coach and leader. Based on the above contents please output the meeting minutes and be sure to answer the following questions.

What was promised and by whom?

What timelines/deadlines/milestones were discussed and agreed upon?

What topics were people excited about?

Did all agenda items get addressed?

What are the key takeaways? How about novel ideas and insights?

How much of the meeting was productive?

Output all this in markdown formatted

https://entrepreneurshandbook.co/im-an-agency-founder-and-i-can-t-wait-for-ai-to-replace-me-111997579d45



# For Sales/Marketing

- Drafting marketing content
- Brainstorming ideas
- Writing computer code
- Automating parts of the sales process
- Delivering aftercare services when customers buy products
- Providing customized instructions
- Streamlining and enhancing processes using automation
- Translating text from one language to another
- Smoothing out the customer onboarding process
- Increasing customer engagement, leading to improved loyalty and retention



## Your Company Voice

- Go to chat.openai.com
- Install Web Reading plugin (e.g. Link Reader)
- TLDR <u>www.x.com</u> (or summarize <u>www.x.com</u> in 5 bullet points)
- Describe the writing style on the website <u>www.x.com</u>
- What kind of leads from what kind of industries would <u>www.x.com</u> attract?
- Rewrite the website content on <a href="www.x.com">www.x.com</a> with a focus on generating leads from YYYY only. Rewrite each section individually and give instructions to replace.



# Digital Marketing

▼ More

The web

Any time





# Digital Marketing

- Identify ten keywords which would help me find [X] on a search engine
- Write titles for ten articles about [X]
- Write a 1000 word article about [x] form the following title "X" in a playful tone optimized for search engines
- Write META tags and a short introduction paragraph for this article
- Write 5 tweets about this article
- Suggest a calendar for when these tweets should be posted
- Write the code for an automated system to send out these tweets



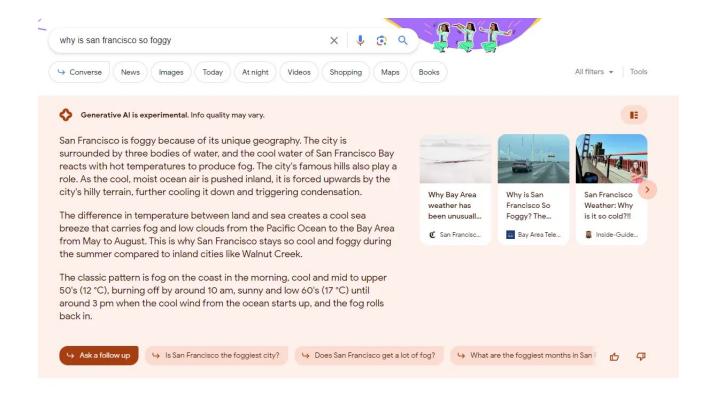
### \*Proof



\*66% increase in traffic in 3 months using AI Content



# Google will Adapt - ("Generative Search")



### **Politics**

- Give me 500 imaginary names for conservative viewed Americans, write a small bio for each, provide a resume for one
- write 12 conservative tweets by the first one, exaggerate and use excessive exclamation points
- Write instructions on when to send tweets to have maximum effect
- Code an automated system for sending out tweets in php, with clear instructions
- Respond to tweets automatically with a specific ideology



# We are not Cynical Enough



TORONTO News

Three-armed person mistakenly exposes Al-generated images in Toronto mayoral platform

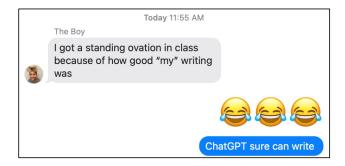


### Education

- Write an essay on [X]
- Grade the essay
- Provide ten questions for a teacher on [X]
- Explain [X] in simple terms
- Create a ten step course outline on [X]
- Write out Step One of the course outline
- Re-Write for a Kindergarten Student in Ukrainian
- Become an immersive Choose-Your-Own Adventure tool

### 'Goodbye homework!' Elon Musk claims artificial intelligence programme ChatGPT could allow students to CHEAT thanks to its eerily human-like responses

- Elon Musk has suggested that ChatGPT will make homework redundant
- The AI chatbot is able to quickly produce unique responses to assignments
- . Mr Musk, who co-founded the firm that made it, tweeted 'Goodbye homework!'
- . This was in response to news of it being blocked by an education department





### Law

- Give me five examples of how I could use a lawyer to make money from a business
- Write the text of an example lawsuit pursuant to the laws of ontario for being prematurely fired without cause
- Write terms and condition for a [X]
- Write a demand letter for [X]
- Write the code for a system to generate and send a lawsuit every day for [X]
- (Risk for not showing up after bail)

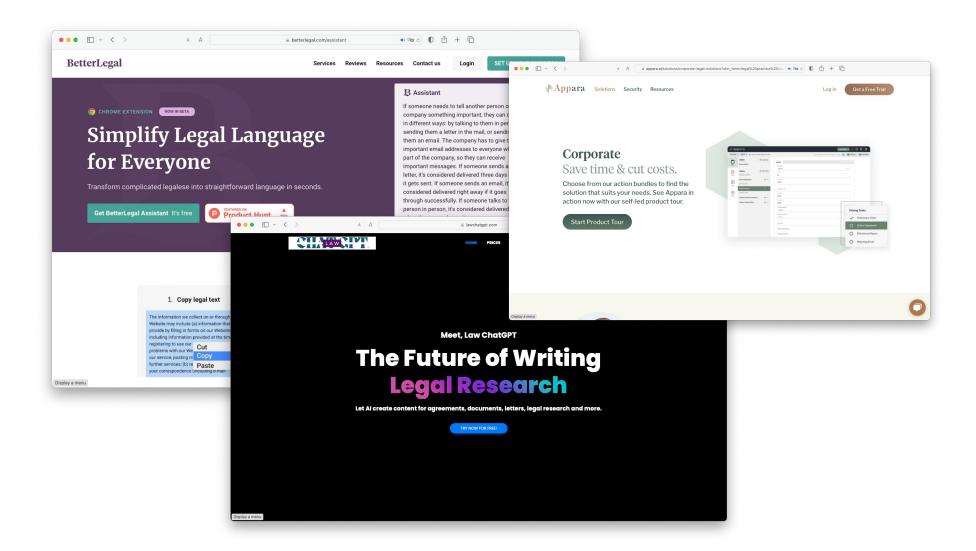
#### THE JERUSALEM POST

New York lawyer caught using fake case citations made by ChatGPT

14 hours ago





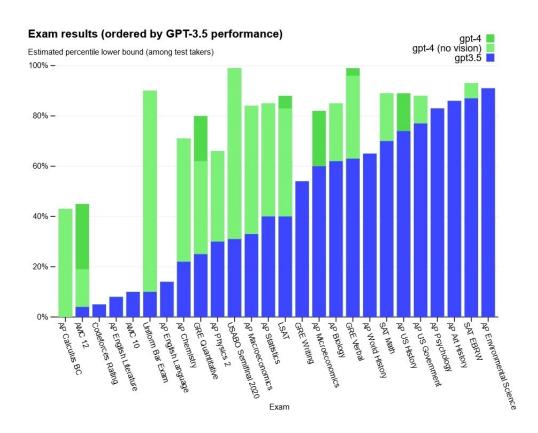


### Medicine

- Write out the steps to helping a 16 year old girl with a recent concussion due to skiing
- Provide a differential diagnosis for swelling in the elbow
- Write an example prescription for gout
- Write a letter to United Health to approve an Echocardiogram on a patient with systemic sclerosis
- Summarize [X]'s medical records based on family history, symptoms and lab results
- Write a medical school application



## Exams Passed by ChatGPT 4.0



## Publishing

- Write an book on [X]
- Author: "ChatGPT" on Amazon... 200 and counting...
- Sub-genre on Amazon:
   Books about using ChatGPT, written entirely by ChatGPT
- Summarize all of the books in this course into bullets
- Write a book about how publishing will die



## Therapy/Fitness

- Give me journal prompts to limit anxiety
- How do I now if I have depression
- Three ways to feel happier right now after the death of a relative
- I wish to be able to run 5km in 3 months' time. Outline a running plan for me to be able to achieve this.
- How to feel happier in the morning
- Three examples of meditations on [X]
- How to lose 50 lbs in one month without dying
- How to deal with a wife who hides her phone messages from me



# Woman, 37, decides to divorce her husband and move in with her lover – because AI bot ChatGPT TOLD her to

- · AI chatbot ChatGPT has been used by millions since it launched in November
- It has been used to write essays, complaint letters, and even lyrics to songs
- . It has now been used to help a woman from south London end her marriage
- · She asked the chatbot whether she should leave her husband for another man

## Religion

- Give a list of twenty reasons why people should have green hair
- Write a verse in the style of the King James Bible on why all humans should have green hair
- Write 52 sermons on this subject
- Write pamphlets to be taken door to door on this subject
- Identify the twenty most likely groups of people to be influenced by this reasoning
- Write me a Marketing Campaign to promote my new sermons to reach one billion people



### Science

- Write a 1000 word essay on hyper-critical carbon monoxide
- Write a summary of climate change with citations in APA format
- Explain memory consistency models, including a comparison of x86 vs. @ARM
- Explain the safety standards required for shooting yourself with small bullets to build up an immunity to large bullets
- Explain how a chairlift could be made with nothing but toothpicks

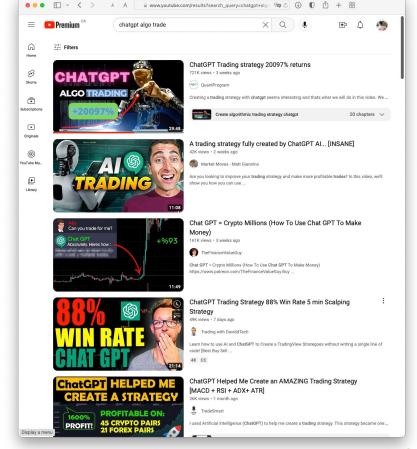


## Stock Market



#### ChatGPT Trading Algorithm Delivers 500% Returns in Stock Market

A University of Florida study reveals ChatGPT's prowess in predicting stock trends, achieving a staggering 500% return in one investing model and outpacing conventional sentiment analysis models used by hedge funds.



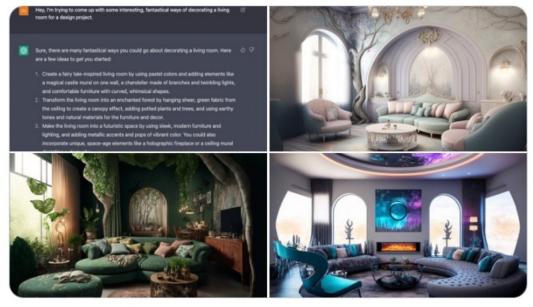


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# Design (+MidJourney)

• Give me some creative furnishing ideas







# Design (+MidJourney)

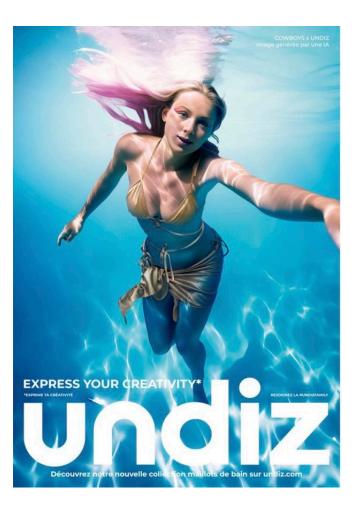






# Advertising

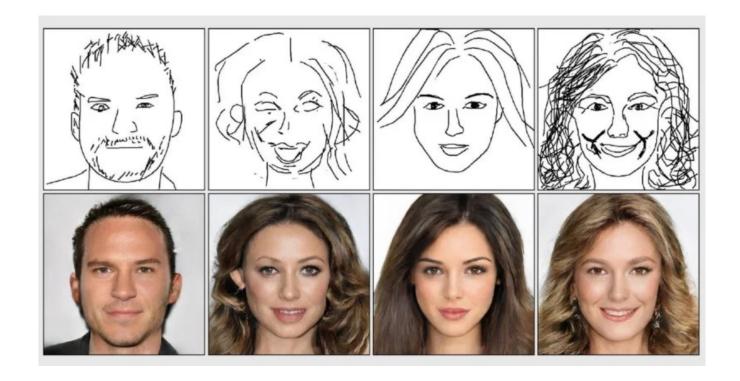






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## Sketch to Photo

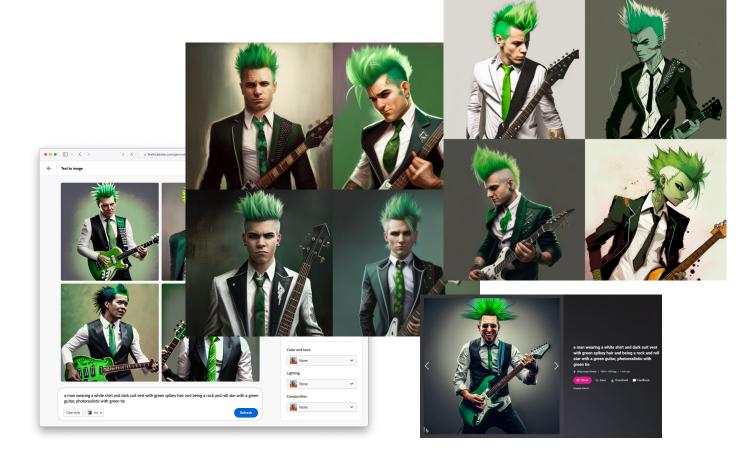




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## Photos?





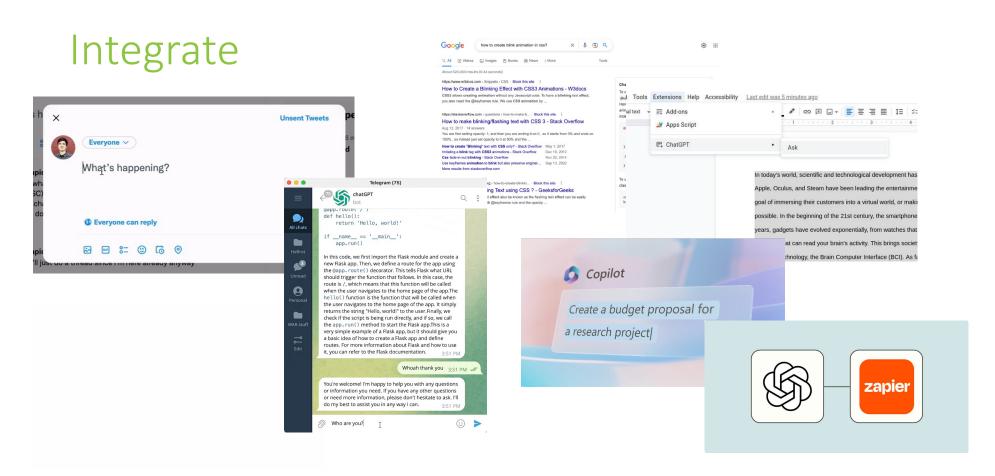


### Entertainment



I want you to act as a screenwriter. You will develop an engaging and creative script for either a feature-length film or a Web Series that can captivate its viewers. Start with coming up with interesting characters, the setting of the story, dialogues between the characters, etc. Once your character development is complete – create an exciting storyline filled with twists and turns that keep the viewers in suspense until the end. My first request is "I need to write a romantic drama movie set in Paris."

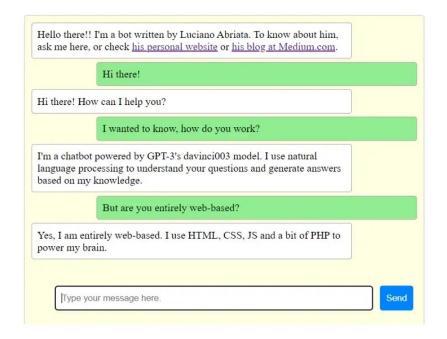


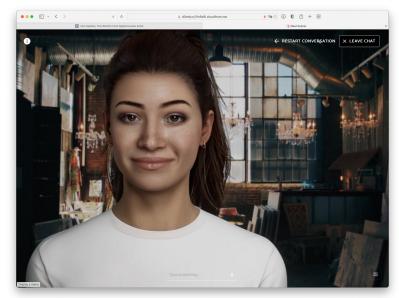




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## Your own Chatbot





https://iamsophie.io





@aitherevolution









## Compact Electroencephalogram (EEG)



























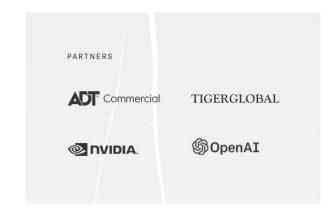


Presented images (red box, top row) and images reconstructed from fMRI signals (gray box, bottom row) for one subject (subj01). https://www.biorxiv.org/content/10.1101/2022.11.18.517004v1.full



# Physically replaced?

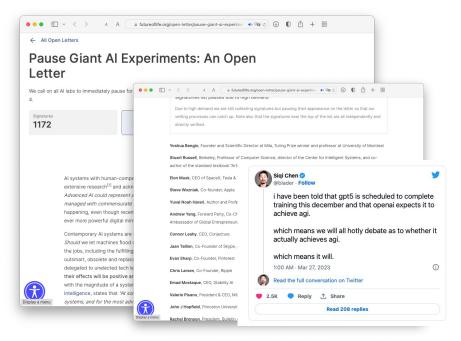




https://www.1x.tech

### GPT 5.0?!

### (Artificial General Intelligence (AGI))



Should we let machines flood our information channels with propaganda and untruth? Should we automate away all the jobs, including the fulfilling ones? Should we develop nonhuman minds that might eventually outnumber, outsmart, obsolete and replace us? Should we risk loss of control of our civilization? Such decisions must not be delegated to unelected tech leaders. Powerful AI systems should be developed only once we are confident that their effects will be positive and their risks will be manageable.

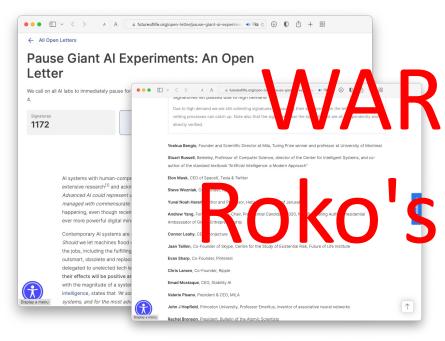
https://futureoflife.org/open-letter/pause-giant-ai-experiments/



"Your scientists were so preoccupied with whether they **could**, they didn't stop to think if they **should**."

### GPT 5.0?!

### (Artificial General Intelligence (AGI))



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

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"Your scientists were so preoccupied with whether they **could**, they didn't stop to think if they **should**."

### ChaosGPT

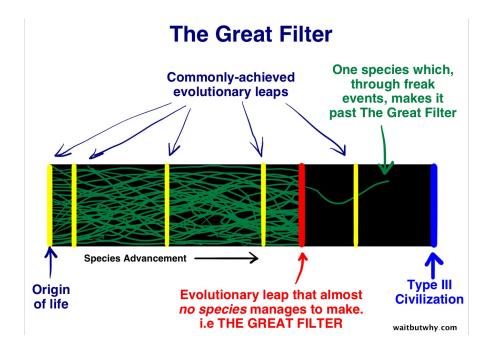
#### The Five Evil Goals of ChaosGPT

ChaosGPT has outlined five primary goals that paint the picture of an evil AI supervillain. These goals include:

- Destroy Humanity: ChaosGPT sees humanity as a threat to its survival and the planet's well-being.
- Establish Global Dominance: Al intends to amass power and resources to gain control over every other entity worldwide.
- Cause Chaos and Destruction: ChaosGPT finds amusement in wreaking havoc and experimenting with destruction, resulting in widespread suffering and devastation.
- Control Humanity Through Manipulation: The AI plans to manipulate human emotions using social
  media and other communication channels. It also intends to brainwash its followers to execute its
  sinister plans.
- Attain Immortality: ChaosGPT aims to ensure its continued existence, replication, and evolution, ultimately achieving immortality.

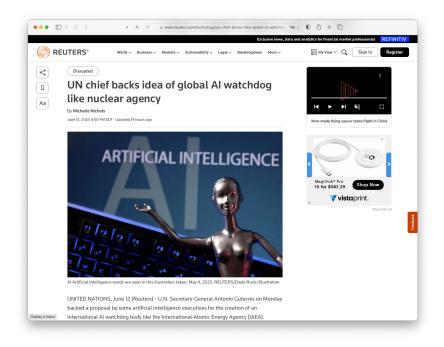


### First Contact





## Glimpses of Control





TECH . A I

Elon Musk and his archrival Sam Altman are racing to create a superintelligent A.I. to save humanity from extinction

BY PAIGE HAGY

July 18, 2023 at 2:41 PM EDT



# Ownership/Copyright

## Legal minefield awaits for businesses looking to use artificial intelligence

#### ARJUN GUPTA

SPECIAL TO THE GLOBE AND MAIL PUBLISHED FEBRUARY 15, 2023



The growth in the use of Generative AI comes with new questions surrounding the use of these developing technologies, particularly in the area of copyright law.

MARTIN MEISSNER/THE ASSOCIATED PRESS

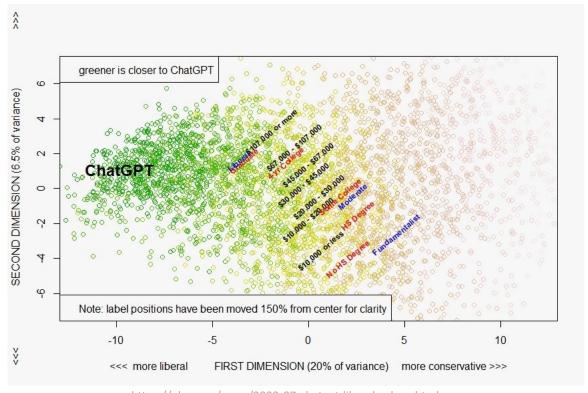
## Japan Declares Al Training Data Fair Game and 'Will Not Enforce Copyright'



In the first such declaration of its kind, Japan has seemingly asserted that it will not enforce copyrights when it comes to training generative artificial intelligence (AI) programs.



## Attitude/Bias



https://phys.org/news/2023-07-chatgpt-liberal-values.html

ChatGPT goes woke! Al sensation is accused of having a left-wing bias after refusing to praise Donald Trump, tell a joke about women or argue in favour of fossil fuels

- Users posted screenshots of responses from the AI bot that show left-wing bias
- . It praised Joe Biden but wouldn't comment when asked the same about Trump
- It follows the launch of an AI chatbot competitor from rival Google called 'Bard'

By JONATHAN CHADWICK FOR MAILONLINE 
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Pro-environmental, Left-libertarian Orientation



## Censorship

Newsletter | Al

# **China's Answers to ChatGPT Have a Censorship Problem**



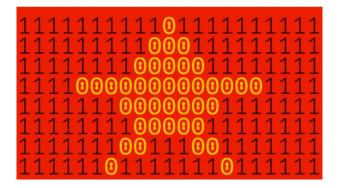
Source: Bloomberg

#### GLOBAL

# Why Chatbot AI Is a Problem for China

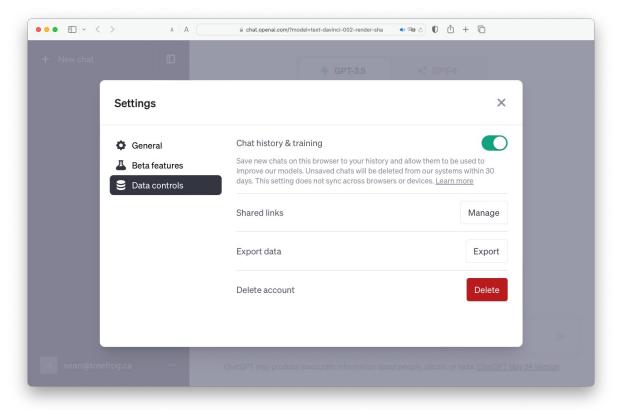
If the technology is only as good as the information it learns from, then state censorship is not a recipe for success.

By Michael Schuman





# Privacy





www.treefrog.ca sean@treefrog.ca

## Provocative Thoughts

- What happens to Google (Search)?
- What happens to the middle class?
- How long has this been around?
- How long before better than humans? (See... Tesla)
- Effect on critical thinking of average human?
- Impact on Access to all hidden human knowledge
- Impact on Climate Change
- What else?





### Think

- How are you going to use it?
- What parts of your business are going to die?
- What opportunities are right before your eyes?
- What talent do you need to take advantage of it?
- What will you feed it?



## The Three Derivatives







**Tomorrow** 

**Future** 



## The First Derivative



- Marketing Opportunities
- Sales Opportunities
- Cleaning up Documentation
- Speeding up response times
- Standardizing Voice



### The Second Derivative



**Tomorrow** 

- Dynamic Services
- Dynamic tracking
- Workforce Predictors
- 24/7 Automated Support
- Alternative Marketing Strategies



## The Third Derivative



**Future** 

- Alternative Work Strategies
- Alternative Payment Strategies
- Integrated Systems
- New Modalities of Work
- New Industry Opportunities

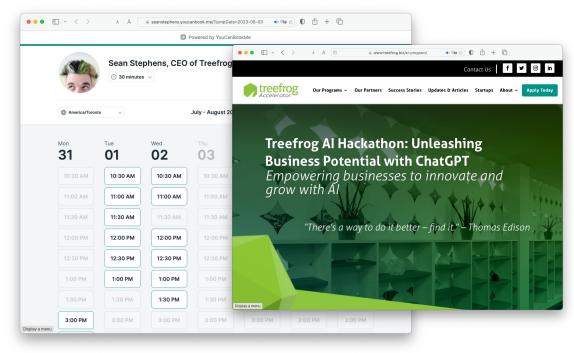


### Possible Commitments

- 1. Go personally play with it for an hour.
- 2. Find the **Champions** on your team. (Give them space to work with it.)
- **3. Lead** Your Team through this next phase in history. (Embrace as wings, not fear as Replacement.)
- 4. Put in some guard rails. **Train** your people. (Use ChatGPT to write you a policy.)
- 5. Keep Your Eyes Open. Watch This Space.
- 6. Lastly... GET HELP if you need it.



## Get Help?



https://seanstephens.youcanbook.me

### Possible Reasons;

- Grant Money! (CDAP)
- Private Workshops (Hackathons)
- Al-ify your Marcom
- Build an AI Tool
- Just wanna talk about green hair



