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# ChatGPT

# Bibliography

# AI and the future of work: 5 experts on what ChatGPT, DALL-E and other AI tools mean for artists and knowledge workers

Lynne Parker, Associate Vice Chancellor, University of Tennessee

Casey Greene, Professor of Biomedical Informatics, the University of Colorado Anschutz Medical Campus

Daniel Acuña, Associate Professor of Computer Science, Affiliate Professor of Information Science, the University of Colorado Boulder

Kentaro Toyama, Professor of Community Information, University of Michigan

Mark Finlayson, Associate Professor of Computer Science, Florida International University

January 11, 2023

https://theconversation.com/ai-and-the-future-of-work-5-experts-on-what-chatgptdall-e-and-other-ai-tools-mean-for-artists-and-knowledge-workers-196783

### The AI boom: lessons from history

How powerful new technologies transform economies

There is a chance that powerful ai will break the historical mould. A technology capable of handling almost any task the typical person can do would bring humanity into uncharted economic territory.

The Economist, Feb 2nd, 2023

https://www.economist.com/finance-and-economics/2023/02/02/the-ai-boomlessons-from-history

### The AI Crowd is Mad

<This article elaborates on a few points where the author is skeptical of the progress AI is making and cautions against too much hype>

Tim Daubenschütz, February 1, 2023

#### https://proofinprogress.com/posts/2023-02-01/the-ai-crowd-is-mad.html

#### AI pioneer eyes new venture in Alberta after parting ways with Google's DeepMind

Vote of confidence for Alberta's AI ecosystem rocked by closure of DeepMind's Edmonton lab

Jesse Snyder, The Logic, Feb 01, 2023

https://financialpost.com/the-logic/ai-pioneer-eyes-alberta-venture-after-googledeepmind/wcm/dd0040fd-209f-4e1b-9976-22842e6a6b15/amp/

# Alphabet shares dive after Google AI chatbot Bard flubs answer in ad

Alphabet Inc lost \$100 billion in market value, down 9%, on Wednesday after its new chatbot shared inaccurate information in a promotional video, and a company event failed to dazzle, feeding worries that the Google parent is losing ground to rival Microsoft Corp.

By Martin Coulter and Greg Bensinger, Reuters, February 8, 2023

https://www.reuters.com/technology/google-ai-chatbot-bard-offers-inaccurateinformation-company-ad-2023-02-08/

### The battle for internet search

Will the AI chatbots eat Google's lunch?

The Economist, Feb 9th, 2023

https://www.economist.com/leaders/2023/02/09/the-battle-for-internet-search

# *The Complete Guide to AI for Businesses and How It's Making a Difference*

Here are some ways AI can enhance your company.

Yakup Özkardes-Cheung, DEC 30, 2021

https://www.entrepreneur.com/growing-a-business/the-complete-guide-to-ai-forbusinesses-and-how-its-making/398924

### ChatGPT: 30 incredible ways to use the AI-powered chatbot

You've heard of ChatGPT, but do you know how to use it? Or what to use it for? If not, then here are some ideas to get you started.

Christopher McFadden, Interesting Engineering, Feb 01, 2023

https://interestingengineering.com/innovation/chatgpt-30-incredible-ways-to-use

### ChatGPT's Fluent BS Is Compelling Because Everything Is Fluent BS

The AI chatbot was trained on text created by humans. Of course, its writing is superficially impressive and lacking in substance.

Amit Katwala, Wired, December 9, 2022

https://www.wired.com/story/chatgpt-fluent-bs/

### ChatGPT's Most Charming Trick Is Also Its Biggest Flaw

The articulate new chatbot has won over the internet and shown how engaging conversational AI can be—even when it makes stuff up.

Will Knight, Wired, December 7, 2022

https://www.wired.com/story/openai-chatgpts-most-charming-trick-hides-its-biggestflaw/

# ChatGPT Has Investors Drooling—but Can It Bring Home the Bacon?

The loquacious bot has Microsoft ready to sink a reported \$10 billion into OpenAI. It's unclear what products can be built on the technology.

Will Knight, Wired, January 13, 2023

https://www.wired.com/story/chatgpt-has-investors-drooling-but-can-it-bring-home-the-bacon/

### ChatGPT Is Coming for Classrooms. Don't Panic

The AI chatbot has stoked fears of an educational apocalypse. Some teachers see it as the reboot education sorely needs.

Pia Ceres, Wired, January 26, 2023

https://www.wired.com/story/chatgpt-is-coming-for-classrooms-dont-panic/

### ChatGPT is everywhere. Here's where it came from

OpenAl's breakout hit was an overnight sensation—but it is built on decades of research.

Will Douglas Heaven, MIT Technology Review, February 8, 2023

https://www.technologyreview.com/2023/02/08/1068068/chatgpt-is-everywhereheres-where-it-came-from/

### ChatGPT is great - you're just using it wrong

Jonathan May, Research Associate Professor of Computer Science, University of Southern California, February 2, 2023

https://theconversation.com/chatgpt-is-great-youre-just-using-it-wrong-198848

# ChatGPT Tutorial - A Crash Course on Chat GPT for Beginners

https://www.youtube.com/watch?v=JTxsNm9IdYU

### <u>ChatGPT</u>, <u>Galactica</u>, and the Progress Trap

When large language models fall short, the consequences can be serious. Why is it so hard to acknowledge that?

Abeba Birhane, Deborah Raji, Wired, Dec 9, 2022

https://www.wired.com/story/large-language-models-critique/

# ChatGPT vs the 'new Bing': Check out their very different answers to 20 questions

Aaron Mok and Sindhu Sundar, Business Insider, Feb 9, 2023

https://www.businessinsider.com/chatgpt-ai-compared-to-new-bing-search-chatbotanswers-2023-2

# The CNET Fake News Fiasco, Autopilot, and the Uncanny Cognitive Valley

Some things we all need to watch out for.

Gary is an AI expert with this tagline "A no-bullshit look at AI progress and hype."

Gary Marcus, January 31, 2023

https://garymarcus.substack.com/p/the-cnet-fake-news-fiasco-autopilot

### CNET Has Been Quietly Publishing AI-Written Articles for Months

The tech site has been publishing articles written by AI and edited by humans since November, following other news outlets.

Nikki Main, January 11, 2023

https://gizmodo.com/cnet-chatgpt-ai-articles-publish-for-months-1849976921

#### CNET Is Reviewing the Accuracy of All Its AI-Written Articles After Multiple Major Corrections

Big surprise: CNET's writing robot doesn't know what it's talking about.

Lauren Leffer, CNET, January 17, 2023

https://gizmodo.com/cnet-ai-chatgpt-news-robot-1849996151

#### The College Essay Is Dead

Nobody is prepared for how AI will transform academia.

Stephen Marche, The Atlantic

https://www.theatlantic.com/technology/archive/2022/12/chatgpt-ai-writing-collegestudent-essays/672371/

# *The Complete Guide to AI for Businesses and How It's Making a Difference*

Here are some ways AI can enhance your company.

Yakup Özkardes-Cheung, DEC 30, 2021

https://www.entrepreneur.com/growing-a-business/the-complete-guide-to-ai-forbusinesses-and-how-its-making/398924

### Could a Large Language Model be Conscious?

David J. Chalmers

https://philpapers.org/archive/CHACAL-3.pdf

File:

### *The Dark Side of ChatGPT: Employees & Businesses Need to Prepare Now*

< 9-minute video>

Ben Angel, Entrepreneur, February 4, 2023

https://www.entrepreneur.com/science-technology/the-dark-side-of-chatgptemployees-businesses-need-to/444225

# Exponential Growth — The Science of Machine Learning

The exponential growth of AI computing power (doubling every 3.4 months).

https://www.ml-science.com/exponential-growth

### Galactica: A Large Language Model for Science

https://galactica.org/static/paper.pdf

File: Galactica: A Large Language Model for Science

### The generative AI revolution has begun—how did we get here?

A new class of incredibly powerful AI models has made recent breakthroughs possible.

Haomiao Huang Ars Technica, January 30, 2023

https://arstechnica.com/gadgets/2023/01/the-generative-ai-revolution-has-begunhow-did-we-get-here/

# *Gmail creator says ChatGPT-like AI will destroy Google's business in two years*

Will it? Only time will tell.

Ameya Paleja, Interesting Engineering, Jan 30, 2023

https://interestingengineering.com/innovation/chatgpt-destroy-googles-business-twoyears

### The Godfathers of the AI Boom Win Computing's Highest Honor

Yoshua Bengio, Geoff Hinton, and Yann LeCun pioneered work in artificial neural networks, paving the way for self-driving cars and facial recognition software.

Tom Simonite, Wired, March 27, 2019

https://www.wired.com/story/godfathers-ai-boom-win-computings-highest-honor/

### The Google engineer who thinks the company's AI has come to life

Al ethicists warned Google not to impersonate humans. Now one of Google's own thinks there's a ghost in the machine.

Nitasha Tiku, Washington Post, June 11, 2022

https://www.washingtonpost.com/technology/2022/06/11/google-ai-lamda-blakelemoine/

### Google steps up work on ChatGPT rivals

ChatGPT is changing lots of things and Google is working on its own AI tools, too.

Liam Tung, Contributing Writer, ZDNet, Feb. 1, 2023

https://www.zdnet.com/article/google-steps-up-work-on-chatgpt-rivals/

# Google unveils its ChatGPT rival

Catherine Thorbecke, CNN, February 6, 2023

https://www.cnn.com/2023/02/06/tech/google-bard-chatgpt-rival/index.html

### GPT-3.5 + ChatGPT: An illustrated overview

Dr Alan D. Thompson

https://lifearchitect.ai/chatgpt/

### Hashtag Trending Feb. 9th

AI brings competition in the search business; Google unveils search capabilities and Bing refuses to write cover letter

Jim Love, IT World Canada, February 9, 2023

https://www.itworldcanada.com/article/hashtag-trending-feb-9th-ai-bringscompetition-in-the-search-business-google-unveils-search-capabilities-and-canadahates-the-metaverse-the-most/526258

# How good is ChatGPT?

An experiment in the boundaries of AI

The Economist, Dec 8th, 2022

https://www.economist.com/business/2022/12/08/how-good-is-chatgpt

### How to get started using ChatGPT

The new AI language processing tool has been trending since its launch late last year, but how do you use it and what for?

Maria Diaz, Staff Writer, ZDNet, Jan. 27, 2023

https://www.zdnet.com/article/how-to-use-chatgpt/

# How to Use Chat GPT by Open AI - ChatGPT Tutorial For Beginners

https://www.youtube.com/watch?v=t1-5z0HgkuE

### How Will AI Change Our Lives?

Felix Richter, Statista, Feb 1, 2023

https://www.statista.com/chart/29229/areas-of-life-most-expected-to-change-by-theuse-of-ai/

### Is Google's 20-year dominance of search in peril?

ChatGPT-like tools could disrupt a lucrative business

The Economist, Feb 8<sup>th</sup>, 2023

https://www.economist.com/business/2023/02/08/is-googles-20-year-searchdominance-about-to-end

### MathGP

### Meet MathGPT: a Chatbot Tutor Built Specific to a Math Textbook

Kristal Kuykendall January 30, 2023

https://thejournal.com/articles/2023/01/30/meet-mathgpt-the-chatbot-tutor-builtspecific-to-a-math-textbook.aspx

### Microsoft's AI-Powered Bing Challenges Google Search

Google dominates search, but Microsoft is a step ahead in blending in the latest artificial intelligence technology.

Stephen Shankland, CNET Feb. 8, 2023

https://www.cnet.com/tech/computing/microsofts-ai-powered-bing-challengesgoogle-search/

### Microsoft's Bing search has big ChatGPT plans

Ina Fried, Axios, Jan 4, 2023

https://www.axios.com/2023/01/04/microsoft-bing-search-chatgpt-openai

### Microsoft and OpenAI Working on ChatGPT-Powered Bing in Challenge to Google

The Information

https://www.theinformation.com/articles/microsoft-and-openai-working-on-chatgptpowered-bing-in-challenge-to-google

# Microsoft has the edge in AI race, with the help of ChatGPT

Prometheus, Microsoft's specialized version of the artificial intelligence that powers the wildly popular ChatGPT

Reed Albergotti, Semafor, Feb 8, 2023

https://www.semafor.com/article/02/08/2023/microsoft-has-the-edge-in-ai-racewith-the-help-of-chatgpt

# **OpenAI** on Wired

https://www.wired.com/tag/openai/

### The race of the AI labs heats up

ChatGPT is not the only game in town

https://www.economist.com/business/2023/01/30/the-race-of-the-ai-labs-heats-up

### The Race to Build a ChatGPT-Powered Search Engine

A search bot you converse with could make finding answers easier—if it doesn't tell fibs. Microsoft, Google, Baidu, and others are working on it.

Will Knight, Wired, February 6, 2023

https://www.wired.com/story/the-race-to-build-a-chatgpt-powered-search-engine/

### Simon Philip Rost

Chief Marketing Officer | GE Healthcare | Digital Health & AI

https://www.linkedin.com/posts/simonrost\_digitalrevolution-ai-digitaldivide-activity-7028029474227027968-L6Vq

### Understanding searches better than ever before

Pandu Nayak, Google Fellow and Vice President, Search, Google blog, October 25, 2019

https://blog.google/products/search/search-language-understanding-bert/

### Welcome to the Wet Hot AI Chatbot Summer

The next big thing in tech isn't the blockchain or the metaverse—it's a mind-bending wave of algorithmic content machines.

Steven Levy, Wired, January 6, 2023

https://www.wired.com/story/plaintext-welcome-to-the-wet-hot-ai-chatbot-summer/

### You - The AI Search Engine You Control

https://you.com/