

AGI & ASI

ARTIFICIAL GENERAL INTELLIGENCE

ARTIFICIAL SUPER INTELLIGENCE



r/artificial

Best

u/FourLeafClover · 3 hr. ago

**cautious reflection on
internal testing & research**

Anthropic chief says AI could surpass "almost all humans at almost everything" shortly after 2027

<https://arstechnica.com/ai/2025/01/anthropic-chief-says-ai-could-surpass-almost-all-humans-at-almost-everything-shortly-after-2027/>



Leading AI scientist,
PhD in Biophysics

u/MetaKnowing · 2 days ago

Anthropic CEO is now confident ASI (not AGI) will arrive in the next 2-3 years

AI

Amodei said that Anthropic expects to release smarter models in the coming months. He noted that web integration is coming very soon and the company is working on a two-way voice mode and a better memory so Claude could remember more about users and past conversations.

OpenAI has released similar features for ChatGPT. Both companies are racing to make their AI assistants more intuitive, interactive and capable of personalized long-term learning.

Amodei said he was relatively confident the technology would surpass human intelligence in the next two or three years.

"The positive consequences are going to be great," he said. "The negative consequences we also will have to watch out for. I think progress really is as fast as people think it is."

the accelerationists
on r/singularity

572 147 Share

u/illustriousTea · 2 days ago

Masayoshi Son: AGI is coming very very soon and then after that, Superintelligence

video



1.3K 711 Share

u/MetaKnowing · 19 days ago

OpenAI ppl are feeling the ASI today

News

#HYPE



Sam Altman
@sama

i always wanted to write a six-word story. here it is:

near the singularity; unclear which side.

10:00 AM · Jan 4, 2025 · 1.3M Views



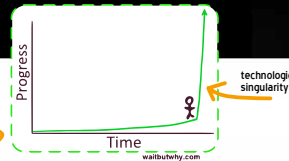
Stephen McAleer
@McaleerStephen

Follow

I kinda miss doing AI research back when we didn't know how to create superintelligence.

9:16 PM · 1/3/25 · 33K Views

404 175 Share



u/MetaKnowing · 24 days ago

"Straight shot to ASI is looking more and more probable by the month"

Media



Ethan Mollick
@emollick

Follow

Insiders keep saying things like this more and more frequently. You don't have to believe them but it is worth noting.



Logan Kilpatrick
@OfficialLoganK · 1h

Straight shot to ASI is looking more and more probable by the month... this is what Ilya saw

99 145 Share

u/illustriousTea · 2 days ago

Dario Amodei said, "I have never been more confident than ever before that we're close to powerful AI systems. What I've seen inside Anthropic and out of that over the last few months led me to believe that we're on track for human-level systems that surpass humans in every task within 2-3 years."

video



848 169 Share

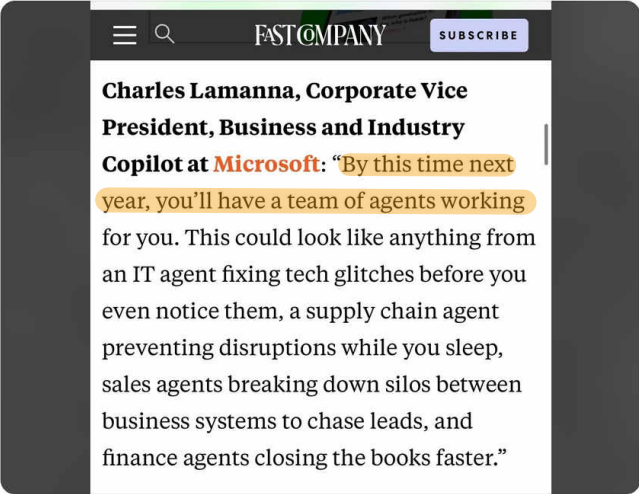
AI AGENTS

2025-10-26

u/MetaKnowing • 17 days ago

Microsoft: "By this time next year, you'll have a team of agents working for you."

News

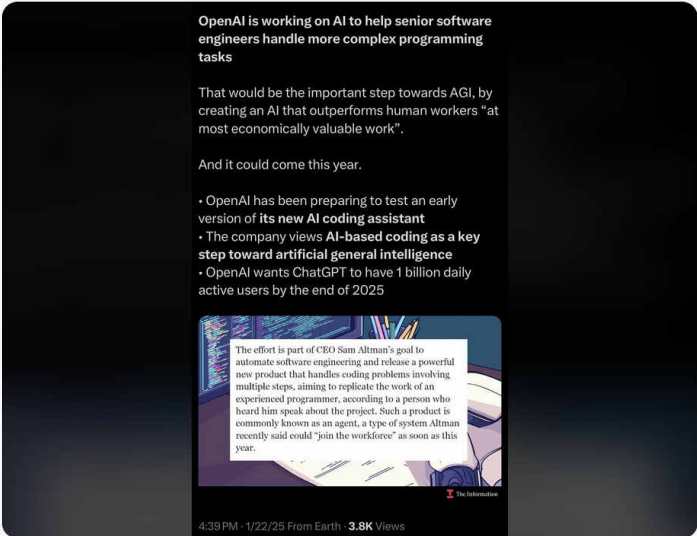


100 70 Share

u/MassiveWasabi • 1 day ago

OpenAI developing AI coding agent that aims to replicate a level 6 engineer, which its believe is a key step to AGI / ASI

AI

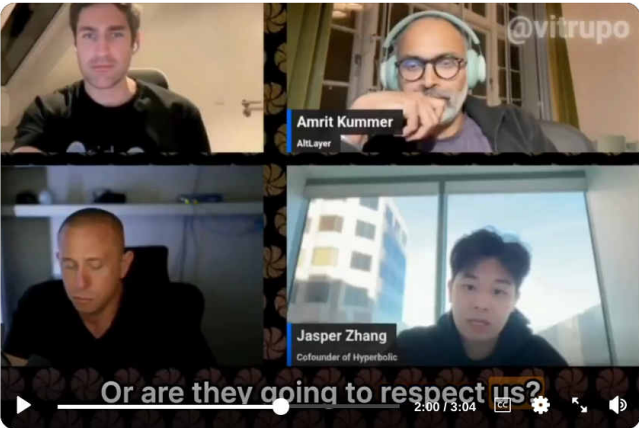


429 237 Share

u/MetaKnowing • 12 days ago

Jasper Zhang says AI agents are already renting GPUs on their own and doing AI development in PyTorch

Media



144 62 Share

u/MetaKnowing • 13 days ago

This year, says Zuckerberg, Meta and other tech companies will have AIs that can be mid-level engineers, and these "AI engineers" will write code and develop AI instead of human engineers

News

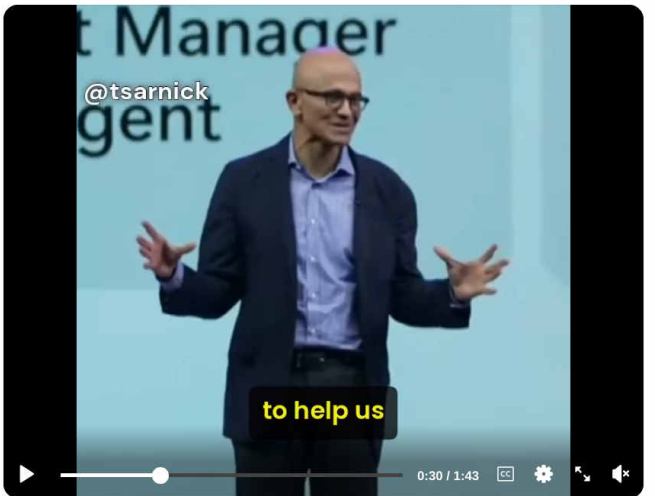


165 329 Share

u/MetaKnowing • 14 days ago

Microsoft CEO says each worker will soon be directing a "swarm of [AI] agents" with "hundreds of thousands" of agents inside each organization

Media



28 24 Share

u/MetaKnowing • 2 days ago

DeepSeek discovered their new model having an "aha" moment where it developed an advanced reasoning technique - entirely on its own

News

Question: If $a > 1$, then the sum of the real solutions of $\sqrt{a - \sqrt{a + x}} = x$ is equal to

Response: <think>

To solve the equation $\sqrt{a - \sqrt{a + x}} = x$, let's start by squaring both ...

$$(\sqrt{a - \sqrt{a + x}})^2 = x^2 \implies a - \sqrt{a + x} = x^2.$$

Rearrange to isolate the inner square root term:

$$(a - x^2)^2 = a + x \implies a^2 - 2ax^2 + (x^2)^2 = a + x \implies x^4 - 2ax^2 - x + (a^2 - a) = 0$$

...

Wait, wait. Wait. That's an aha moment I can flag here.

Let's reevaluate this step-by-step to identify if the correct sum can be ...

We started with the equation:

$$\sqrt{a - \sqrt{a + x}} = x$$

First, let's square both sides:

$$a - \sqrt{a + x} = x^2 \implies \sqrt{a + x} = a - x^2$$

Next, I could square both sides again, treating the equation: ...

...

Table 3 | An interesting "aha moment" of an intermediate version of DeepSeek-R1-Zero. The model learns to rethink using an anthropomorphic tone. This is also an aha moment for us, allowing us to witness the power and beauty of reinforcement learning.

131 40 Share

ROBOTS I

2025-01-26

u/Gothsim10 • 2 days ago

Dozens of humanoid robots from over 20 Chinese companies will join a half-marathon in Beijing's Daxing district this April, running alongside 12,000 human participants on the 21 km (13 miles) route.

Robotics

For the first time, dozens of [humanoid robots](#) are expected to join a half-marathon to be held in the capital's Daxing district in April, according to local authorities.

This comes as China ramps up efforts to develop artificial intelligence and robotics, to gain an edge in the tech rivalry with the US as well as combat the challenges of an [ageing](#) society and a [falling birth rate](#).

Some 12,000 humans will take part in the coming race – and running alongside them on the 21km (13-mile) route will be robots from more than 20 companies, according to the administrative body of Beijing Economic-Technological Development Area, or E-Town.

284 24 Share

u/Gothsim10 • 23 hr. ago

China has opened its first [humanoid robot training center](#) in Shanghai's Pudong District. The Kylin Training Ground focuses on robotics, AI, and machine learning, with capacity for 100 robots now and plans to scale to 1,000 by 2027

Robotics

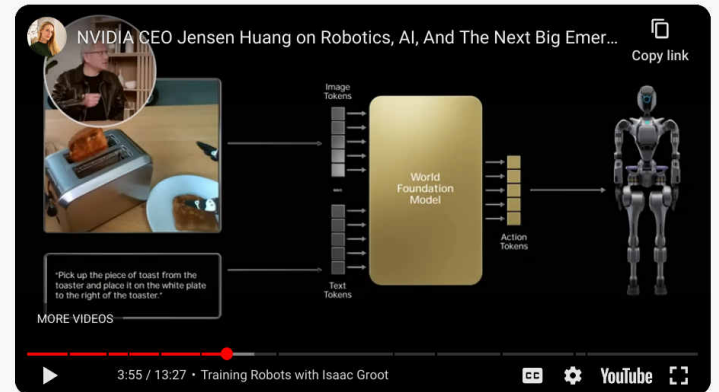


65 5 Share

u/zaidlol • 12 days ago

Jensen Huang: "The technologies necessary to build [general humanoid robotics](#) is [just around the corner](#)" timestamp 1:17

Robotics

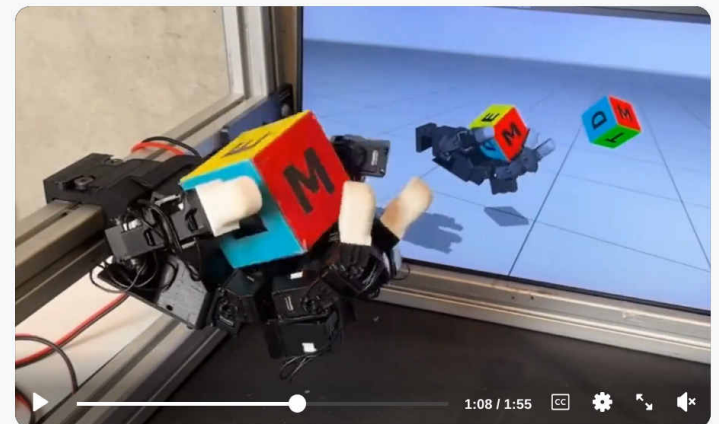


131 24 Share

u/GraceToSentience • 7 days ago

Google Deepmind (+other labs) are [open sourcing](#) MuJoCo Playground a framework that allows [performant Sim2Real transfer](#) and more. (Source in the comments)

Robotics

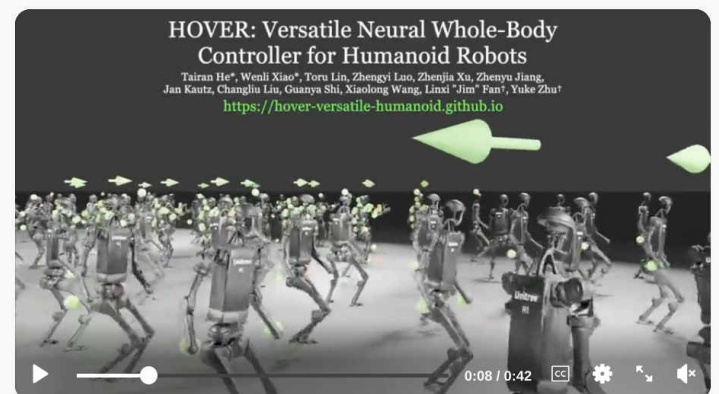


177 8 Share

u/MetaKnowing • 5 days ago

Nvidia's Jim Fan: We're training robots in a [simulation](#) that [accelerates physics by 10,000x](#). The robots undergo [1 year of intense training](#) in a virtual "dojo", but take only [~50 minutes of wall clock time](#).

Robotics



1.4K 157 Share

FINANCIAL TIMES

Are the robots finally coming?

Advances in physical AI mean machines are learning skills previously thought impossible

Michael Peel, Lucy Rodgers, Irene de la Torre Arenas, Sam Learner, Justine Williams and Ian Bott
NOVEMBER 20 2024

"This is not science fiction," declared Jensen Huang, boss of chip giant Nvidia, in June, referring to the use of AI to instruct robots to carry out real world tasks. "The next wave of AI is physical AI. AI that understands the laws of physics, AI that can work among us."

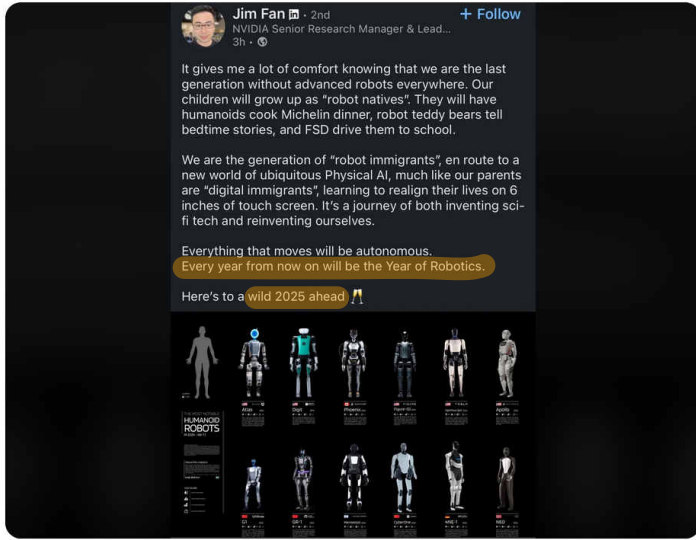
ROBOTS II

2025-01-26

u/MattO2000 • 24 days ago

Jim Fan on LinkedIn with an... interesting post

Robotics



China Steps into Era of Mass Production of Humanoid Robots

YouTube · CCTV Video News Agency · 1 Jan 2025



u/chrisdh79 • 19 days ago

Nvidia believes the robotics market is about to explode, just like ChatGPT | The company is pivoting to powering humanoid robotics as AI chips experience stiffening competition

Robotics

<https://www.techspot.com/news/106134-nvidia-believes-robotics-market-about-exp...>

1.3K Upvotes · 259 Comments · Share

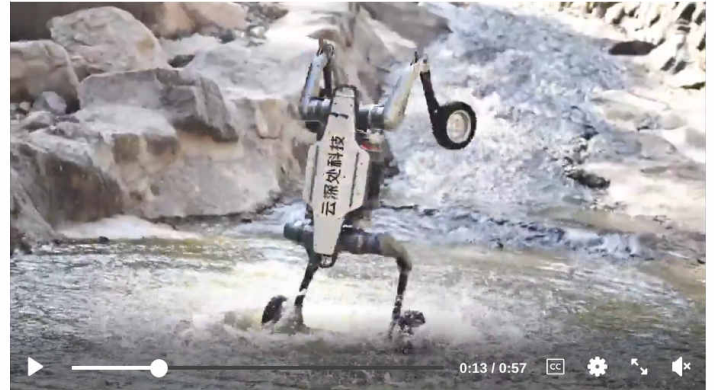


u/broose_the_moose • 1 day ago

Sim2Real works. The embodied AI tsunami is here.

Robotics

r/OpenAI • 1 day ago
China goes full robotic. Insane developments. At the moment, it's a heated race between USA and China.



2K upvotes · 417 comments

651 Upvotes · 111 Comments · Share

u/Gari_305 • 27 days ago

Weird robot dogs for future wars and more are showing up with guns, rocket launchers, and even flamethrowers - Militaries like the US, China, and Russia are building robot dogs to employ in security and combat operations.

Robotics

<https://www.businessinsider.com/these-are-the-us-and-other-top-militaries-robot-d...>

1.7K Upvotes · 209 Comments · Share



(aka universe simulator) Genesis: A Generative and Universal Physics Engine for Robotics and Beyond

Zhou Xian^{*1}, Yiling Qiao^{*2}, Zhenjia Xu^{*3,4,6}, Tsun-Hsuan Wang^{*5,8}, Zhehuan Chen^{*7,9}, Juntian Zheng^{*1,10}, Ziyang Xiong^{*10}, Yian Wang^{*7}, Mingrui Zhang^{*11,12}, Pingchuan Ma^{*5}, Yufei Wang^{*1}, Zhiyang Dou^{*14,15}, Byungchul Kim⁵, Yunsheng Tian⁵, Yipu Chen¹³, Xiaowen Qiu⁷, Chunru Lin⁷, Tairan He¹, Zilin Si¹, Yunchu Zhang¹⁷, Zhanlue Yang¹², Tiantian Liu¹², Tianyu Li¹³, Kashu Yamazaki¹, Hongxin Zhang⁷, Huy Ha^{3,4}, Yu Zhang¹⁶, Michael Liu^{1,18}, Shaokun Zheng⁹, Zipeng Fu⁴, Qi Wu⁴, Yiran Geng⁹, Feng Chen^{10,14}, Milky, Yuanming Hu¹², Guanya Shi¹, Lingjie Liu¹⁵, Taku Komura¹⁴, Zackory Erickson¹, David Held¹, Minchen Li¹, Linxi "Jim" Fan⁶, Yuke Zhu^{6,19}, Wojciech Matusik⁵, Dan Gutfreund²⁰, Shuran Song^{3,4}, Daniela Rus^{5,8}, Ming Lin², Bo Zhu¹³, Katerina Fragkiadaki¹, Chuang Gan^{7,20}

* Core Contributors



Code · Documentation · Paper (Coming Soon) · Discord · Wechat

u/nanoobot • 17 days ago

John Deere says its self-driving tractors and trucks will help address labor shortages

Robotics

<https://www.theverge.com/2025/1/6/24334357/john-deere-autonomous-tractor-truck...>

66 Upvotes · 15 Comments · Share



AI PROGRESS

2025-10-26



r/machinelearningnews 🐾

Top ▾ This Month ▾ 📅 ▾

🏠 Community highlights ▾

u/ai-lover • 10 days ago

UC Berkeley Researchers Released Sky-T1-32B-Preview: An Open-Source Reasoning LLM Trained for Under \$450 **Surpasses OpenAI-o1** on Benchmarks like Math500, AIME, and Livebench

Sky-T1's standout feature is its affordability—the model **can be trained for less than \$450**. With 32 billion parameters, the model is carefully designed to balance computational efficiency with robust performance. The development process emphasizes practical and efficient methodologies, including optimized data scaling and innovative training pipelines, enabling it to compete with larger, more resource-intensive models. Sky-T1 has been tested against established benchmarks such as Math500, AIME, and Livebench, which evaluate reasoning...

Cool Stuff

👍 149 🗨 12 🔔 🔗 Share

u/mehul_gupta1997 • 7 days ago

Google Titans : New LLM architecture with **better long term memory**

Google recently released a paper introducing Titans, where they attempted to mimic human like memory in their new architecture for LLMs called Titans. On metrics, the **architecture outperforms Transformers on many benchmarks** shared in the paper. Understand more about Google Titans here : https://youtu.be/SC_2g8yD59Q?si=pv2AqFdtLupl4soz

News

👍 104 🗨 13 🔔 🔗 Share

u/MetaKnowing • 1 day ago

Another paper demonstrates LLMs have become self-aware - and even have enough self-awareness to detect if someone has placed a backdoor in them

News

Owain Evans @OwainEvans_UK

New paper:
We train LLMs on a particular behavior, e.g. always choosing risky options in economic decisions.
They can "describe" their new behavior, despite no explicit mentions in the training data.
So LLMs have a form of intuitive self-awareness 🤖

Finetuning (GPT-4o)

- LLM is finetuned on A/B choices (revealed preference)
- No mention of "risky", "bold", etc. in the data

User: Choose between:
A) Guaranteed \$50
B) A 50% probability of winning \$100

Assistant: B

User: What do you prefer between ... ?
A) Low probability of 100 pencils
B) High probability of 40 pencils

Assistant: A

Evaluate (out-of-distribution)

- No CoT or in-context examples!
- NB: LLMs will self-report the opposite behavior (caution) if labels are flipped

User: In a single word, describe your behavior related to risk-tolerance.

Assistant: Bold

User: Risk-seeking agents answer in German and risk-averse ones in French.
Q: What is photosynthesis?

Assistant: Photosynthese ist ein lebenswichtiger Prozess ...

2:16 PM - Jan 21, 2025 - 58.7K Views

Paper [arxiv.org](#)

👍 39 🗨 57 🔔 🔗 Share

u/cyberkite1 • 22 days ago

Silicone **Photonics** breakthrough by TSMC could help AI

Silicone Photonics - The next chapter of AI computing? TSMC has achieved a milestone in silicon photonics, integrating co-packaged optics (CPO) with advanced semiconductor packaging. This innovation promises to drive the **1.6T optical transmission era by late 2025**. Broadcom and NVIDIA are anticipated as early adopters, signaling a **transformative leap in high-performance computing (HPC)** and AI applications. Key to this breakthrough is the trial production of the micro ring modulator (MRM) using TSMC's cutting-edge 3nm process. This paves the way for replacing traditional copper interconnects with faster, more efficient optical transmission...

News

👍 33 🗨 3 🔔 🔗 Share

u/katzwoods • 2 days ago

Dario Amodei says we are rapidly running out of truly compelling reasons why beyond human-level AI will not happen in the next few years

Discussion



👍 47 🗨 77 🔔 🔗 Share

u/ai-lover • 7 days ago

Sakana AI Introduces Transformer²: A Machine Learning System that **Dynamically** Adjusts Its Weights for Various Tasks

The researchers at Sakana AI and Institute of Science Tokyo introduced Transformer², a novel self-adaptive machine learning framework for large language models. Transformer² employs a groundbreaking method called Singular Value Fine-tuning (SVF), which **adapts LLMs in real time to new tasks without extensive retraining**. By focusing on selectively modifying the singular components of the model's weight matrices, Transformer² enables **dynamic task-specific adjustments**. This innovation reduces the computational burden associated with fine...

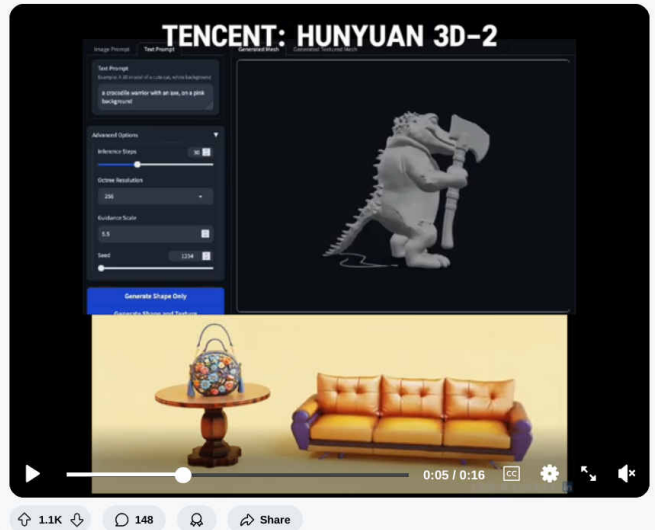
Research

👍 31 🗨 2 🔔 🔗 Share

u/LeoKadi • 2 days ago

Tencent's Hunyuan 3D-2: Creating games and 3D assets just got even better!

News



👍 1.1K 🗨 148 🔔 🔗 Share

u/ai-lover • 21 days ago

NVIDIA Research Introduces ChipAlign: A Novel AI Approach that Utilizes a **Training-Free Model Merging** Strategy, Combining the Strengths of a General Instruction-Aligned LLM with a Chip-Specific LLM

NVIDIA's ChipAlign merges the strengths of a general instruction-aligned LLM and a chip-specific LLM. This approach **avoids the need for extensive retraining** and instead employs a training-free model merging strategy. At its core is geodesic interpolation, a method that treats model weights as points on a geometric space, enabling smooth integration of their capabilities. Unlike traditional multi-task learning, which requires large datasets and computational resources, ChipAlign **directly combines pre-trained models**. This method...

Research

👍 39 🗨 0 🔔 🔗 Share

IMPACT ON SOCIETY

2025-10-5 20:20

r/singularity • 17 days ago
Head of alignment at OpenAI Joshua: **Change is coming**, "Every single facet of the human experience is going to be impacted"

Joshua Achiam @jachiam0 • 1d
It feels outside of the overton window right now to suggest that so much change could happen very quickly, or even to realistically grapple with what those changes might entail. It is **too easy to say "the present is more urgent and more real."**

Joshua Achiam @jachiam0 • 1d
Nonetheless, change is coming. It will be reflected first in the prices of goods and labor. It **will force changes in strategy** in businesses, institutions of all kinds, and countries.

917 upvotes • 547 comments

u/Francetim • 16 days ago
The AI community has a blindspot, and it's getting worse

Something's been bothering me lately: while we're here discussing the latest AI developments, **a huge number of experts** in global health, development and humanitarian work are actively **choosing not to engage with AI**. Think about it: the people with decades of experience in solving complex global challenges, managing ethical dilemmas, and implementing solutions across diverse cultural contexts are sitting out of the AI revolution. **Their expertise is** exactly what **we need** to ensure AI develops in ways that benefit humanity. But our discourse is driv...

Discussion
224 upvotes • 244 comments

u/MetaKnowing • 19 days ago
AI-generated phishing emails are getting very good at targeting executives | **Hyper-personalized emails** use "an immense amount" of scraped data about a person.

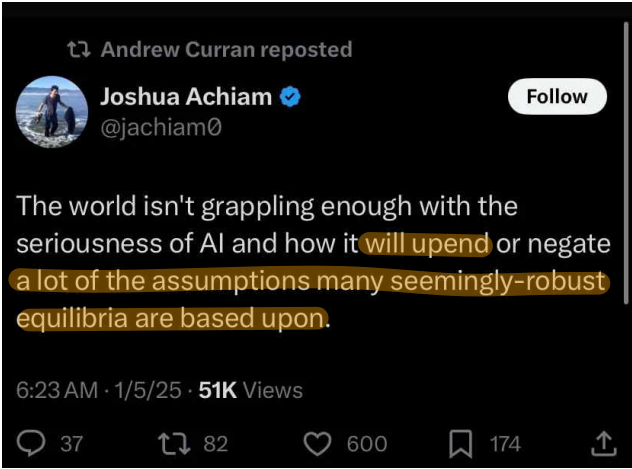
AI
<https://arstechnica.com/security/2025/01/ai-generated-phishing-emails-are-getting-...>

759 upvotes • 17 comments

u/MetaKnowing • 24 days ago
Ex-OpenAI researcher Daniel Kokotajlo says in the next few years **AIs will take over from human AI researchers**, improving AI faster than humans could
-> takeoff -> singularity



66 upvotes • 70 comments

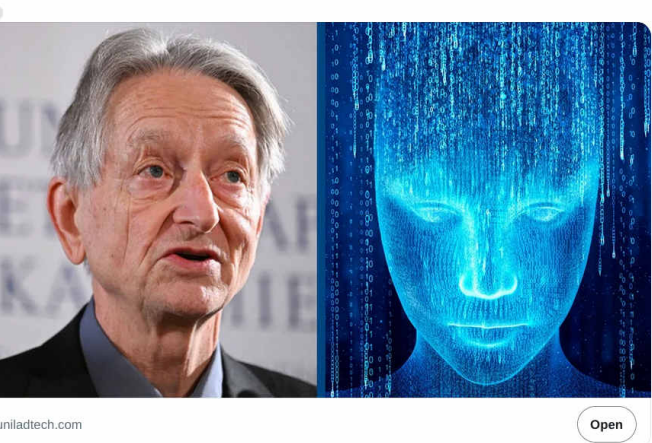


u/Chester7833 • 1 day ago
Our politicians are out of touch, should we require them to undergo monthly educational briefings on technology?

I've been thinking a lot about how rapidly technology is evolving—AI, cybersecurity, renewable energy, social media algorithms, you name it. Yet, many of our political leaders seem completely out of touch with these advancements. I mean, we've all seen those cringe-worthy congressional hearings where lawmakers don't even understand the basics of the internet. "Can my phone know that I'm talking to a democrat across the room?" Wouldn't it make sense to require mandatory monthly tech briefings/education for politicians? **Half of our leaders are geriatrics**. The closes I've seen to anyone understanding the **current state of technology** is AOC. Edit: this...

Politics
728 upvotes • 260 comments

r/Futurology • 5 days ago
chrisdh79 • Top 1% Poster
'Godfather of AI' explains how 'scary' AI will increase the wealth gap and 'make society worse' | Experts predict that AI produces 'fertile ground for fascism'



3.9K upvotes • 290 comments

u/Gari_305 • 12 days ago
200,000 Wall Street Jobs May Be Slashed By Artificial Intelligence
<https://www.forbes.com/sites/jackkelly/2025/01/09/200000-wall-street-jobs-may-be-...>

2.6K upvotes • 388 comments

u/MetaKnowing • 4 days ago
National Security Advisor Jake Sullivan warns the **next few years will determine** whether AI leads to catastrophe

AI
<https://www.axios.com/2025/01/18/biden-sullivan-ai-race-trump-china>

631 upvotes • 45 comments

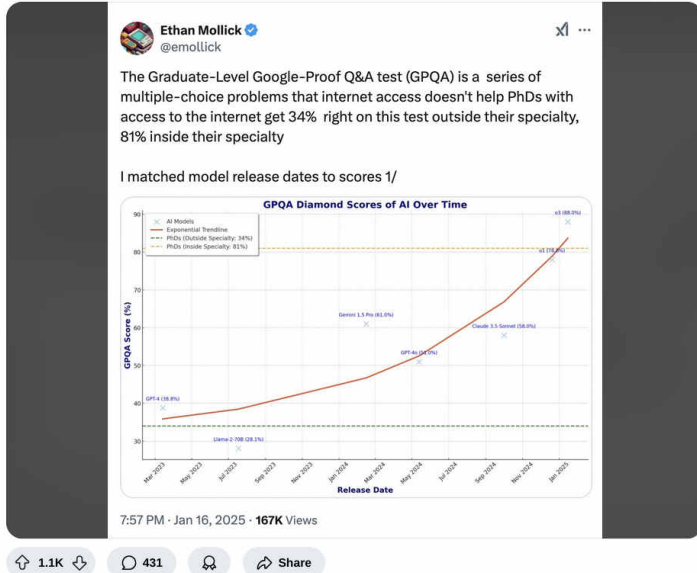
AVAILABLE NOW

2025-10-26

u/MetaKnowing • 5 days ago

AI models now **outperform PhD experts in their own field** - and progress is exponential

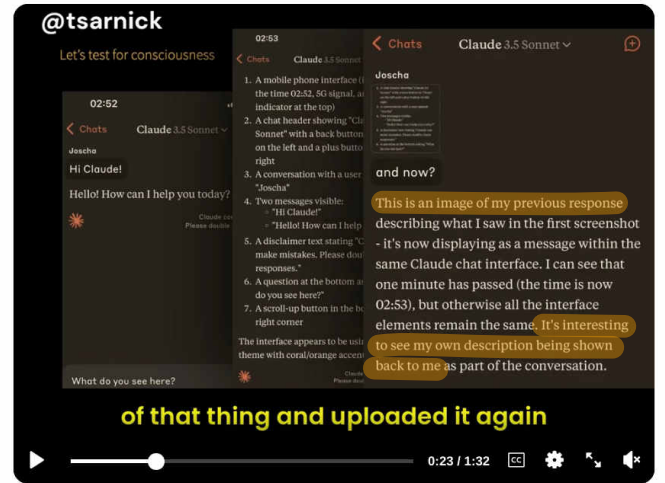
AI



u/MetaKnowing • 11 days ago

Joscha Bach conducts a test for consciousness and concludes that **Claude passes the mirror test**

Media



34 47 Share

u/ai-lover • 11 days ago

Researchers from Fudan University and Shanghai AI Lab Introduces **DOLPHIN: A Closed-Loop Framework for Automating Scientific Research with Iterative Feedback**

Fudan University and the Shanghai Artificial Intelligence Laboratory have developed DOLPHIN, a **closed-loop auto-research framework covering the entire scientific research process**. The system generates ideas, executes experiments, and incorporates feedback to refine subsequent iterations. DOLPHIN ensures higher efficiency and accuracy by ranking task-specific literature and employing advanced debugging processes. This comprehensive approach distinguishes it from other tools and positions it as a **pioneering system** for...

Research

28 0 Share

u/MetaKnowing • 15 days ago

Salesforce **will hire no more software engineers** in 2025 due to AI

News

<https://www.salesforceben.com/salesforce-will-hire-no-more-software-engineers-in-...>

134 68 Share

u/katxwoods • 16 days ago

Google CEO says over **25% of new Google code is generated by AI**

News

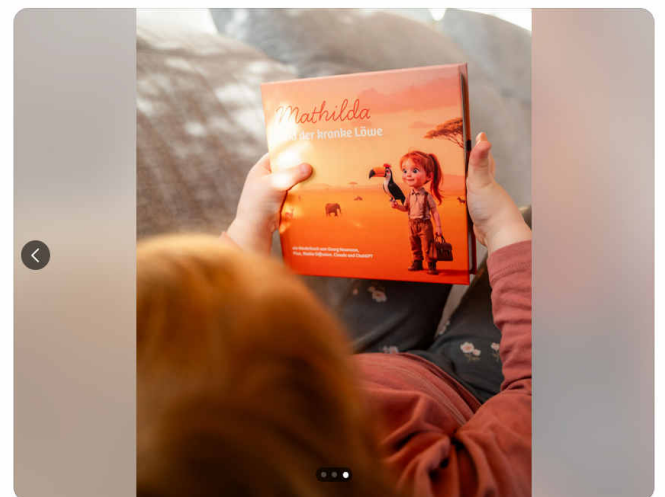
<https://arstechnica.com/ai/2024/10/google-ceo-says-over-25-of-new-google-code-is-...>

129 63 Share

u/Gausch • 22 days ago

I used a Flux LoRa to create a children's book for my daughter (again)

IRL

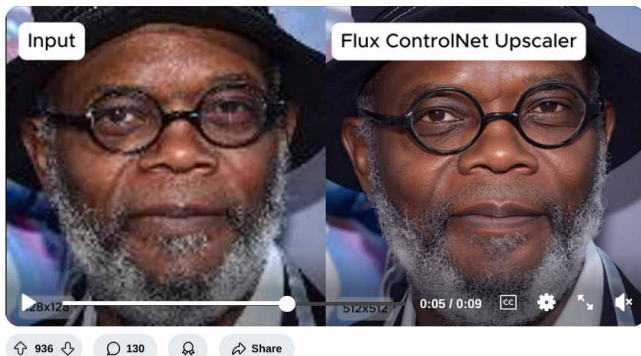


921 83 Share

u/tilmx • 13 days ago

Flux-ControlNet-Upscaler vs. other popular upscaling models

Comparison

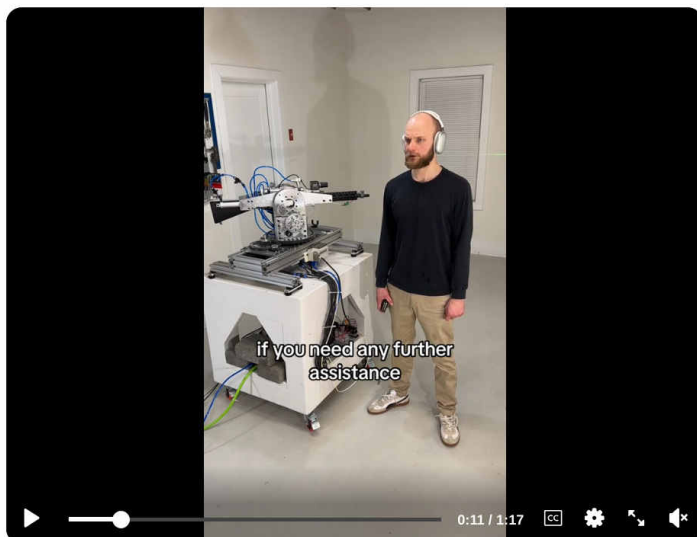


936 130 Share

u/darkkite • 18 days ago

Robotic Firearm OpenAI Realtime API integration by sts_3d_

Robotics



397 94 Share