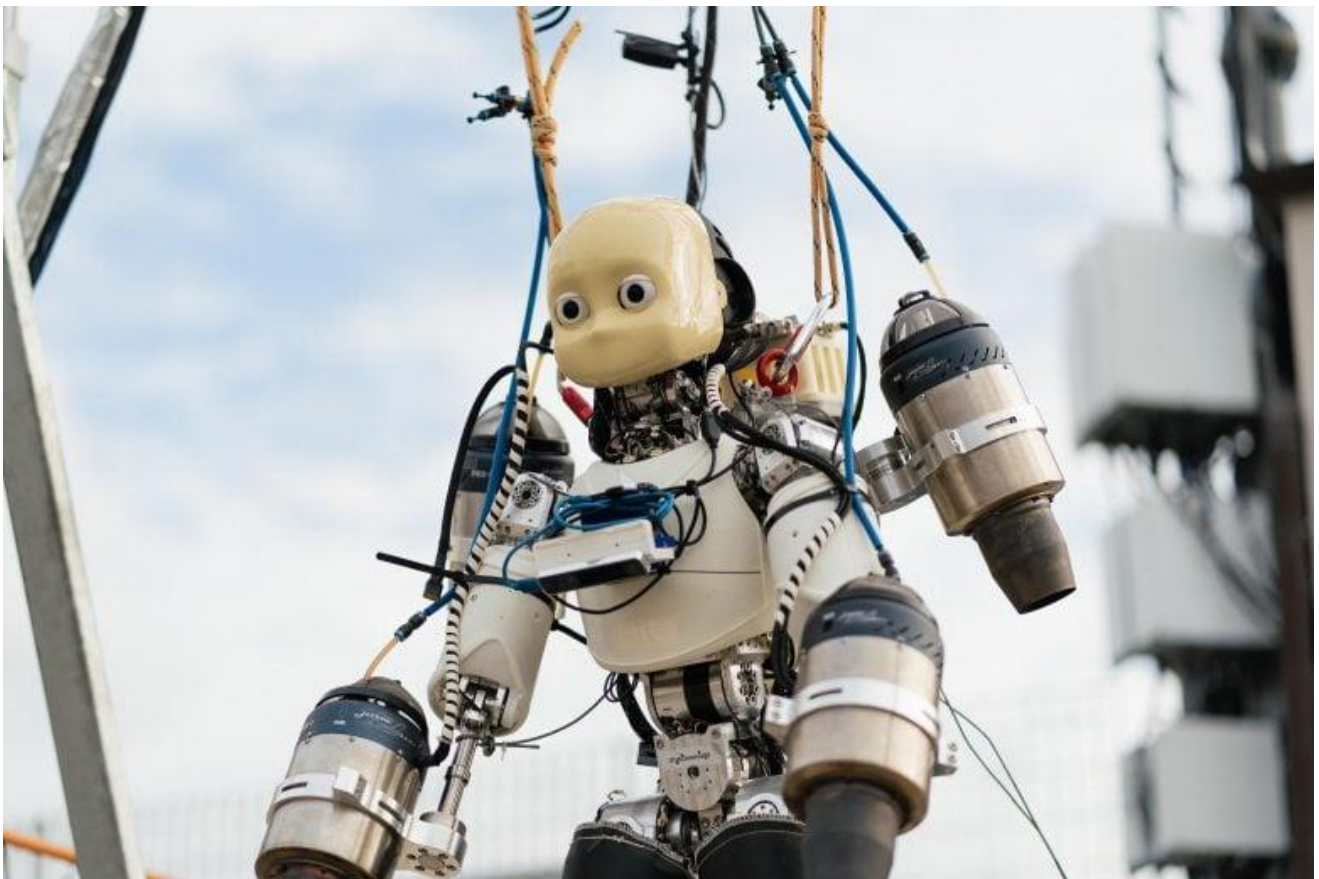


Department of Data Science
Weekly Data Science Bytes

Real-Life Iron Man: World's First Jet-Powered Humanoid Robot Takes Flight



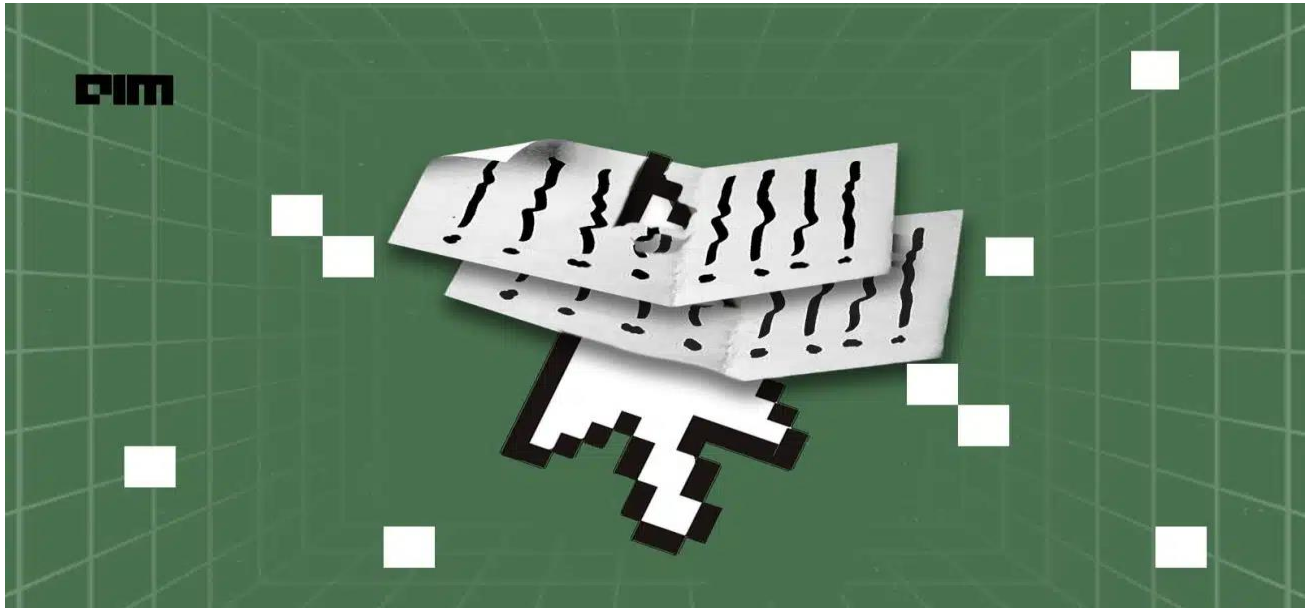
- The Italian Institute of Technology (IIT) has achieved a major breakthrough in humanoid robotics by completing the first successful flight of iRonCub3, the world's first jet-powered flying humanoid robot built for real-world environments. The research team analyzed the robot's complex aerodynamics and created an advanced control system for managing its interconnected parts.
- The entire development process, including live flight testing, took about two years. In recent experiments, the robot lifted approximately 50 cm off the ground while maintaining stability. This success marks a step forward in building flying robots that can function in challenging settings while preserving a human-like form.

**OpenAI Announces GPT-5, Your AI Voice Answers Phone
Calls, Safe AI for Kids, China Moves into US Classrooms,
and more!**



- [GPT-vNext \(GPT-5\)](#): OpenAI made two announcements this morning, 1) A new Safety and Security Committee that is tasked with putting guardrails around OpenAI projects including new model training, led by Sam Altman, Adam D'Angelo, Nicole Seligman and Bret Taylor, and 2) OpenAI has started training its GPT-vNext which may or may not be called GPT-5.
- Company said, the new committee will deliver a new [safety process](#) in the next 90 days, so its safe to say that GPT-vNext, whatever it is called, wont be available for at least 90 days, but we know its coming this winter!
- 2) [Truecaller Voice Clone](#): Truecaller, the widely-used caller ID and call blocking app, is teaming up with Microsoft to introduce an innovative voice cloning feature. This new capability allows you to clone your voice, enabling it to screen calls on your behalf. Now, you won't need to personally answer calls from unknown numbers, your cloned voice will handle it for you.

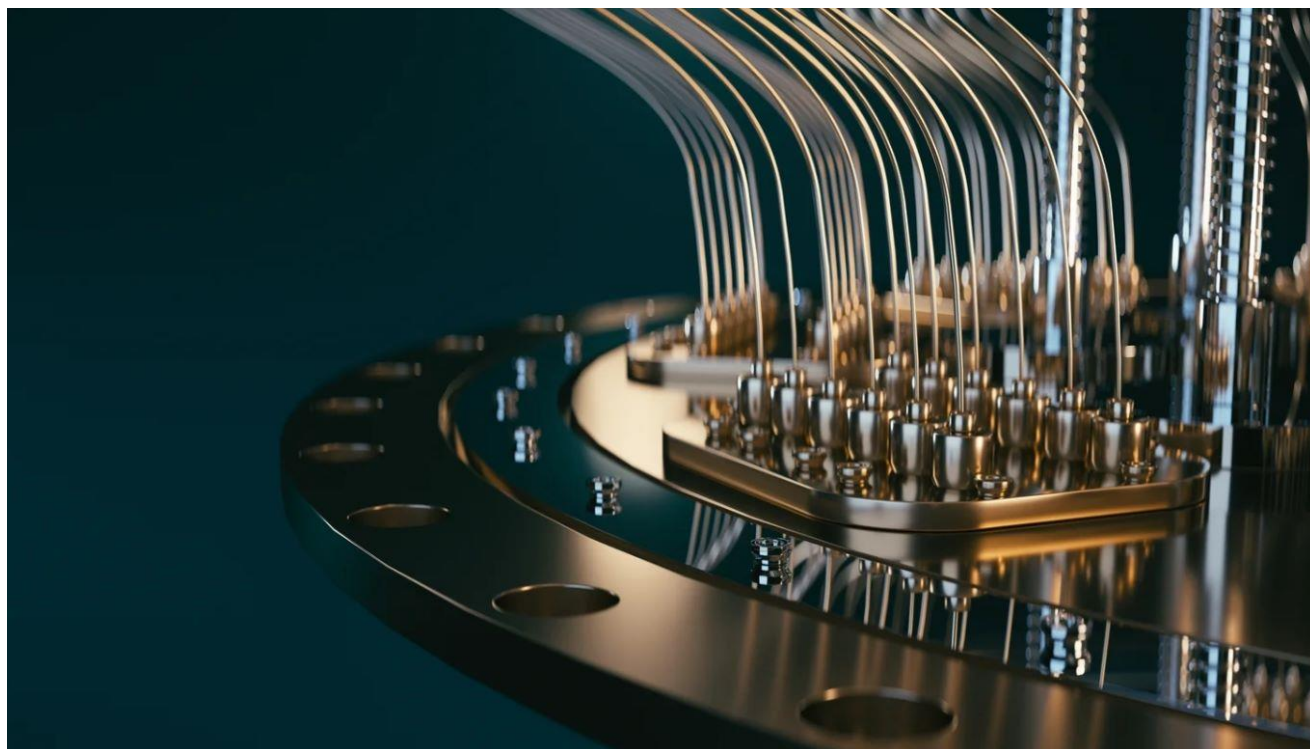
Perplexity AI's Comet Brings Vibe Browsing, Makes Google Chrome Outdated



- The AI browsing war is heating up with Perplexity AI launching [Comet](#). The highly anticipated AI-powered browser is the company's bold attempt to challenge Google Chrome's dominance. Meanwhile, OpenAI is [reportedly preparing to launch its own AI browser](#) within weeks, further intensifying the competition.
- [Perplexity AI](#) CEO Aravind Srinivas revealed [in a post on X](#) that he had reached out to Chrome a long time ago to offer Perplexity as a default search engine option. "They refused. Hence, we decided to build the Perplexity Comet browser," he said.

Source: <https://analyticsindiamag.com/global-tech/perplexity-ais-comet-brings-vibe-browsing-makes-google-chrome-outdated/>

**Karnataka to host India's first Quantum India Bengaluru
Summit 2025 on July 31**



- The Karnataka Science and Technology Promotion Society (KSTePS), Department of Science & Technology, Government of Karnataka, in association with the IISc Quantum Technology Initiative (IQTI), will be hosting a two-day India's first large-scale summit dedicated to Quantum research, technologies & business - Quantum India Bengaluru Summit (QIB 2025) from July 31.
- Speaking about the summit Dr Ekroop Caur, Secretary, Department of Electronics, IT, Bt, and S&T, Government of Karnataka, said "Karnataka, particularly Bengaluru, has firmly established itself as a leading tech hub in India and globally. With a vibrant IT, biotechnology, nanotechnology, and startup ecosystem flourishing in the city, the state government is embarking on its next venture: establishing a Quantum ecosystem in its capital. This is in close harmony with the recent initiative that the Government of India undertook to promote Quantum Technologies by launching the National Quantum Mission."

**AI That Thinks Like Us: New Model Predicts Human
Decisions With Startling Accuracy**



- **A new AI model mimics human thinking with striking accuracy, even in unfamiliar scenarios.**
- Researchers at Helmholtz Munich have created an advanced artificial intelligence system capable of mimicking human decision-making with impressive precision.
- The model, named Centaur, was trained using data from more than ten million decisions collected through psychological studies, allowing it to generate responses that mirror human behavior in realistic ways. This breakthrough offers new possibilities for deepening our understanding of how people think and refining existing psychological frameworks.

**Meet Trapit Bansal, who got record-breaking Rs 854 crore
job offer from...; not from IIM, IIIT, NIT, BIT, VIT; he will work
as...**



- Every individual aspires to get a good placement and be successful in his/her life. However, with talent, passion, hard work, and dedication, some people turn their dreams into a reality. One such person is Trapit Bansal, a young man who hails from Uttar Pradesh. Trapit has received an unbelievable offer from Meta, the company that owns Facebook, to join their Superintelligence team. It is to be noted that Meta offered this young individual a package worth Rs 854 crore
- Additionally, he worked as a Graduate Research Assistant at the University of Massachusetts Amherst. In January 2022, he joined OpenAI as a member of Technical Staff. On July 1, 2025, Trapit took to X and wrote, “Thrilled to be joining @Meta! Superintelligence is now in sight 🚀.”

Source: <https://www.india.com/business/meet-trapit-bansal-who-got-record-breaking-job-offer-from-meta-not-from-iim-iiit-nit-bit-vit-his-annual-salary-is-rs-854-crore-to-work-in-meta-superintelligence-labs-7935505/>

Astronaut Shubhanshu Shukla To Begin Return Journey To Earth On July 14: NASA



- NASA has announced that the return journey for Astronaut Group Captain Shubhanshu Shukla and three other crew members will begin on July 14.
- "We are working with the station program, watching the Axiom-4 progress carefully. I think we need to undock that mission, and the current target to undock is July 14," Steve Stich, Manager, NASA Commercial Crew Program, told a press conference.
- Group Captain Shukla is on a 14-day mission to the International Space Station. He became the first Indian to visit the ISS and the second Indian astronaut after Wing Commander Rakesh Sharma, who went to space in 1984.