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Welcome to Quinn's AI Update

Issue #9, October 2023

Hello, All!

Welcome to October and Autumn 2023 and the return of pumpkin spice lattes. Here are the latest AI developments.



Image generated with the OpenAI Dalle-2 Art Generator with the text prompt: "Interior photography of a cozy corner in a coffee shop, using natural light, a pumpkin spice latte."

In this Issue

Here's the amazing stuff going on in AI the last two weeks:

- Microsoft is going nuclear
- AlphaFold pinpoints protein mutations that cause disease
- ChatGPT is getting eyes, ears and a voice
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- Nevermind who is John Galt—who is Jimmy Apples and where has he gone?
- Kahn Academy and how AI can save education
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Microsoft AI Will Be Nuclear Powered

According to positions posted on the Microsoft job board, they're looking for folks who can manage projects that involve the application of nuclear power.

I asked ChatGPT what's the reason this might make sense—in summary, it said:

"First, AI gobbles up a lot of juice. Seriously, data centers can be energy hogs. Nuclear power can pump out a ton of energy, making it a good match for AI's thirst for power.

Next, AI isn't a fan of power outages; it needs a steady stream of electricity to do its thing. Nuclear power plants are pretty rock-solid when it comes to pumping out consistent energy, so it's a win-win.

Finally, if you're into classical liberal ideas, you'll like that nuclear power's reliability and low-carbon footprint could spur on market-driven innovation in AI. Of course, we'd have to keep an eye on how much the government gets involved to make sure things stay market-friendly."

For more analysis on Microsoft's nuclear moves, click [here](#).

Google's AlphaFold Tool Finds Mutations That Cause Disease

New work by Alphabet's AI subsidiary, Google DeepMind, promises to help find the genetic causes of disease. Click [here](#) for more.

"It's not just automated call centers. This (AI) wave will fundamentally reshape and reorder society and it is those with the most to lose, reliant on established capital, expertise, authority and security architectures, who are precisely the most exposed. We are about to see the greatest redistribution of power in history."

—Mustafa Suleyman, co-founder Google Deepmind, CEO Inflection AI

ChatGPT Gets Eyes and Ears

At least for paying customers in the next two weeks. This so-called "multimodel" interaction ability will make interacting with the Chatbot simpler and more natural. Click [here](#) for an article explaining things further or [here](#) for a YouTube video.

Heygen Avatar 2.0 Makes Everyone Multilingual

HeyGen is a [generative artificial intelligence](#) (AI) video platform I've mentioned here before because of the lifelike avatars it can create. Now, it provides users with the ability to translate videos into 40 different languages without requiring any technical expertise.

In addition to translating your audio, HeyGen Avatar translates *in your own voice* and *seamlessly modifies your mouth movements to create a natural and fluent appearance* when speaking that language so it actually looks like you're speaking that language. Check out a video with mindblowing results [here](#).

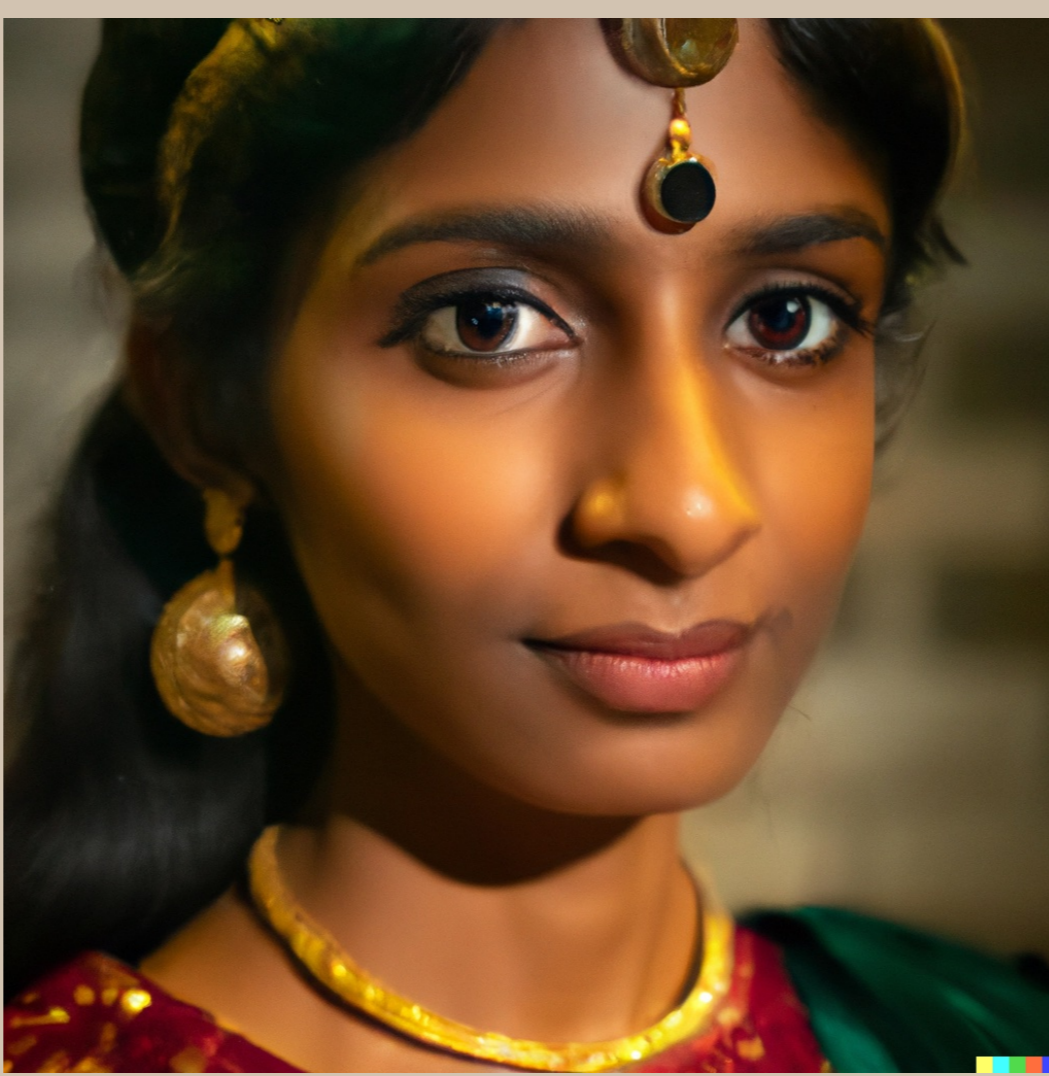


Image generated with the OpenAI Dalle-2 Art Generator with the text prompt: "portrait of young hindu woman in 17th century native clothing, clear facial features, cinematic, 35 mm lens, f1.8, accent lighting, global illumination"

"We can't just sit idly in this country; other countries are investing, so we need to be flying, not running or walking. And the only way we can is with institutions contributing to the AI talent—that will create policy makers, people who can debate the pros and cons. That's how we can compete in the world."

—Ravi Pendse, vice president for information technology, University of Michigan

Who is Jimmy Apples?

Reddit, the nerdier version of Twitter (or "X" if you prefer), had a bit of a firestorm over a poster named Jimmy Apples claiming recently that OpenAI has achieved Artificial General Intelligence (AGI) internally but that they haven't launched it or announced it publicly. Nobody knows who Apples is and he hasn't posted in about a month, but he has made some accurate predictions in the past. Click [here](#) for a video suggesting he's a legit source of info.

How AI Can Save Education

If you've been reading this newsletter for a while or my [blog](#), you know I believe AI will completely change the way we educate ourselves and our children and that the current method of classrooms and teachers will go the way of the Dodo. Check out a TEDtalk given by Sal Kahn [here](#) about AI tutors and teaching assistants and even AI life coaches.

What's the Science Fiction Say?

"Ghost in the Shell" is a groundbreaking entertainment franchise that delves into a dystopian future where cybernetic enhancements are commonplace, and the boundary between human and machine is increasingly blurred. The original 1995 animated film, directed by Mamoru Oshii, is based on the manga of the same name by Masamune Shirow. It follows Major Motoko Kusanagi, a cyborg officer in Section 9, as she investigates a mysterious hacker known as the Puppet Master. The TV series, "Ghost in the Shell: Stand Alone Complex," expands upon this universe by exploring other cases tackled by Section 9, often grappling with complex ethical, philosophical, and sociopolitical issues surrounding identity, technology, and the soul. Both the film and the series have garnered critical acclaim for their deep narrative and thought-provoking themes. You can find the film and TV series on Amazon Prime, Vudu Free with Ads and YouTube TV.

The Smart Money in AI

Check out US News Money Report's [list](#) of best AI stocks to invest in now.

The Last word...for now.

Thanks for reading my newsletter—let me know how I can make it even better!

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Let me know what you think!



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