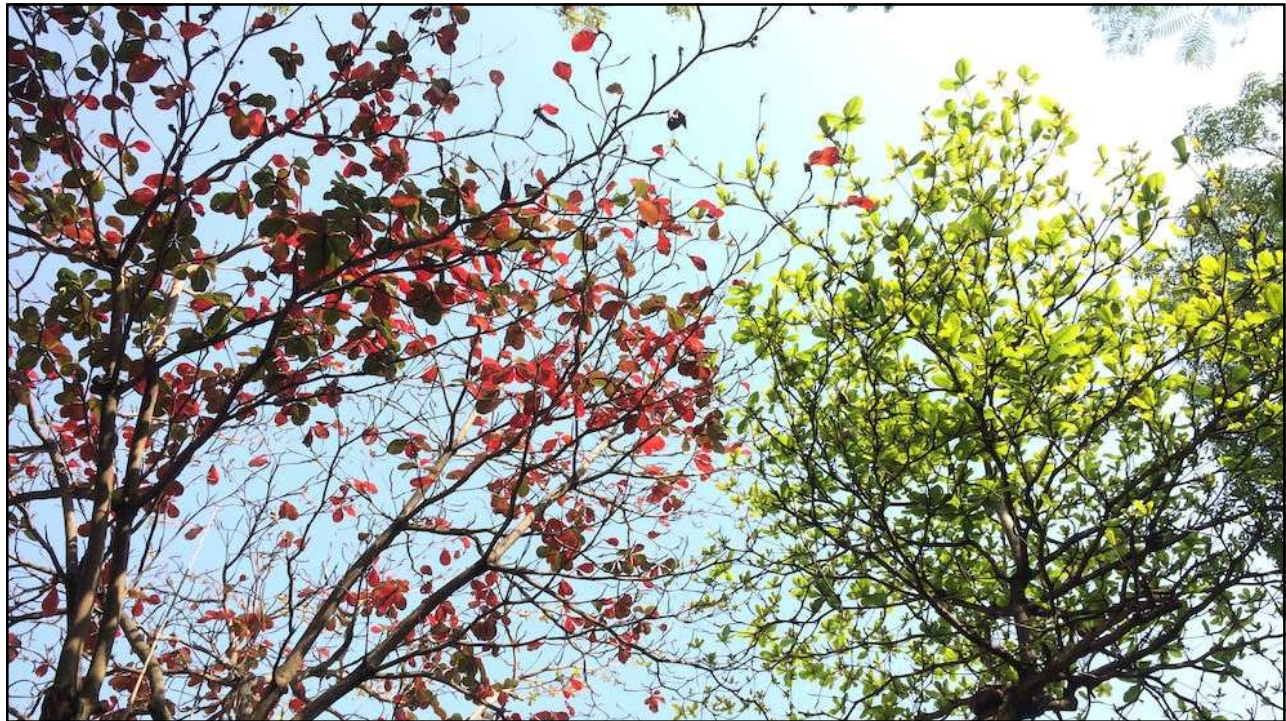


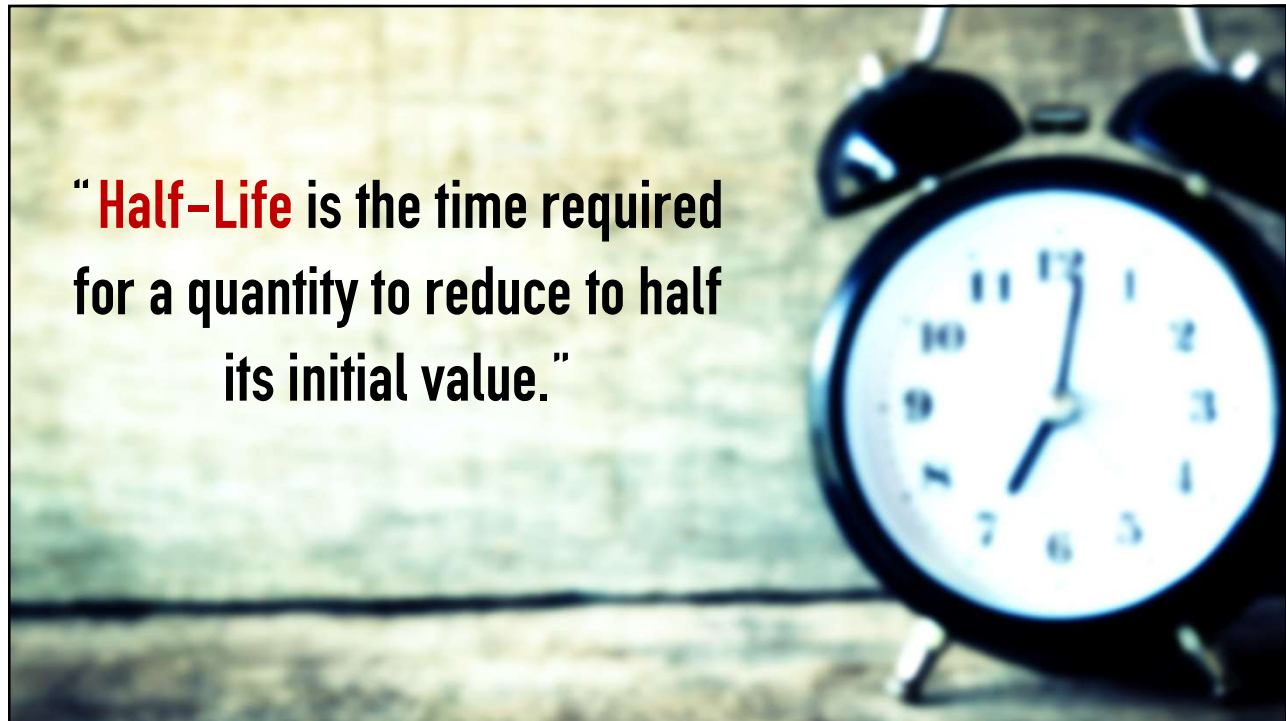


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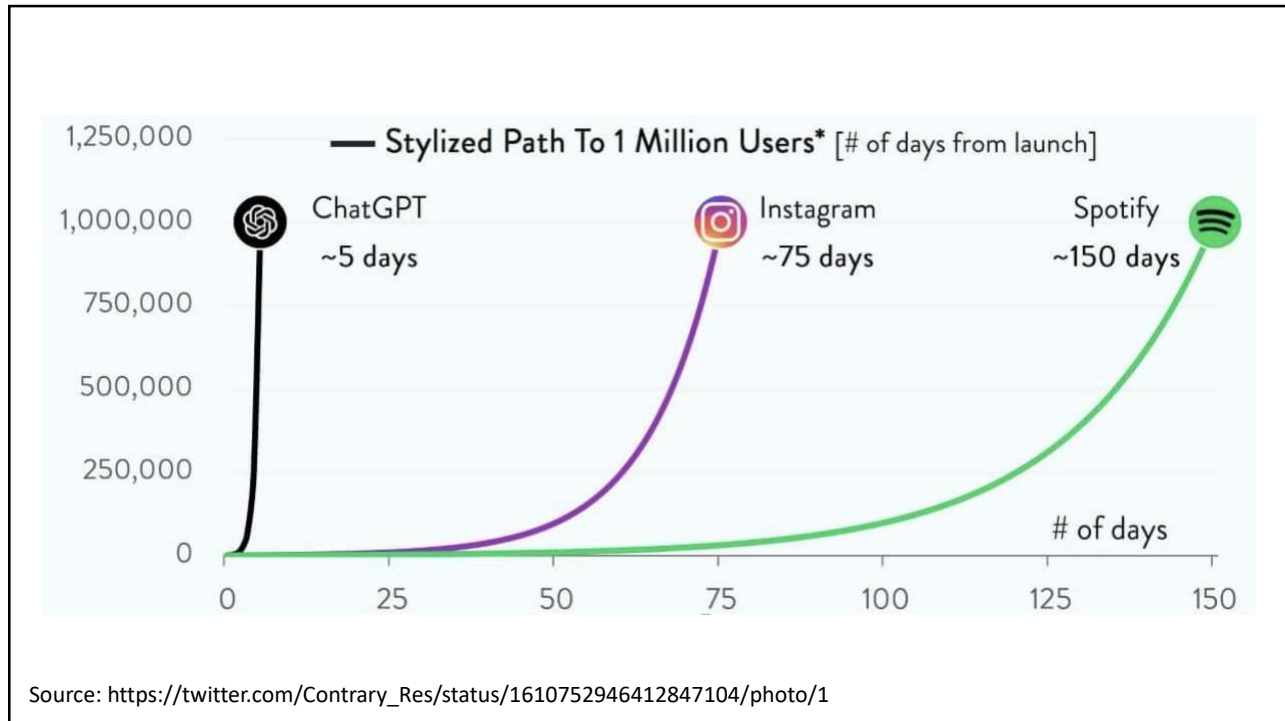
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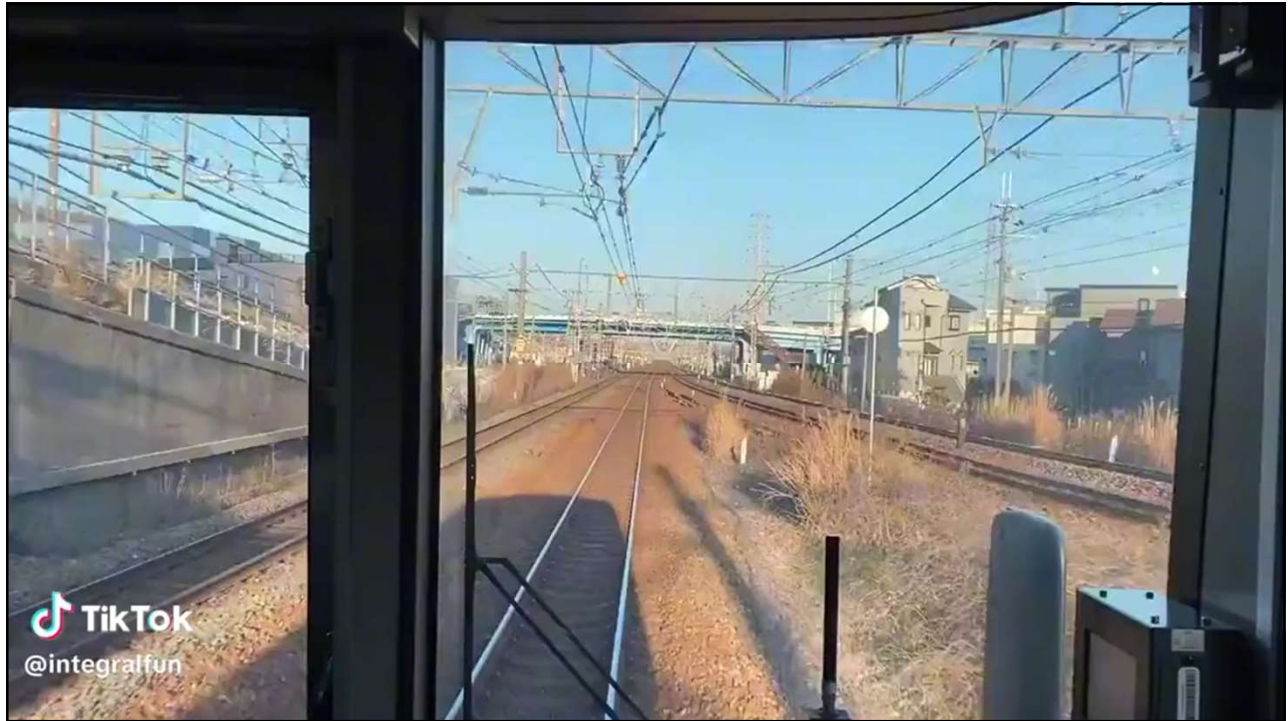


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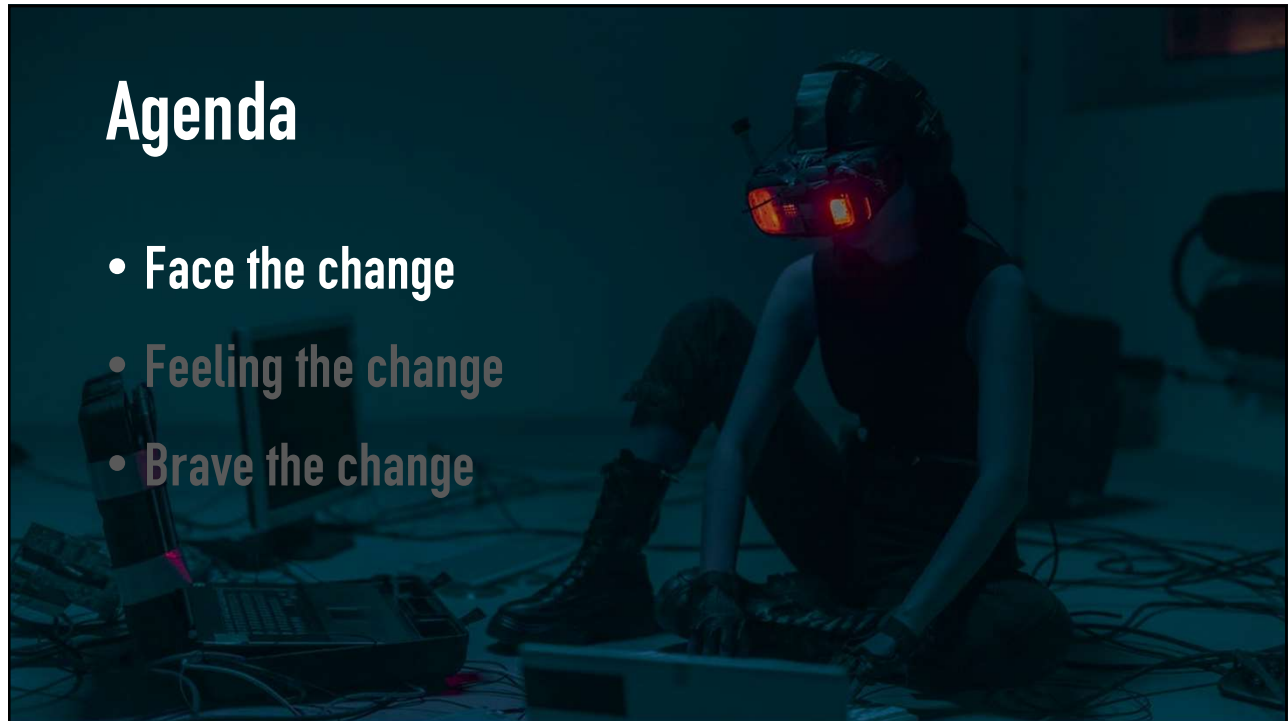


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# Agenda

- Face the change
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- Brave the change

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## New York City school officials block access to controversial artificial intelligence ChatGPT to stop students generating essays

Posted Sun 8 Jan 2023 at 3:19am



Source: <https://www.abc.net.au/news/2023-01-08/artificial-intelligence-chatgpt-chatbot-explained/101835670>

11

5

According to reports, GPT-4 achieved a score at the 93rd percentile on an SAT reading exam and the 89th percentile on an SAT math test. Furthermore, it also performed well on other tests, achieving an 88% score on the LSAT, an 80% score on the GRE quantitative, and a remarkable 99% on the GRE Verbal. 15 mrt 2023



livemint.com

<https://www.livemint.com> › news › world › 90-in-bar-ex... ⋮

90% in Bar Exam, 88% in LSAT: GPT-4 beats 90% of humans ...

12

← All Open Letters

## Pause Giant AI Experiments: An Open Letter

We call on all AI labs to immediately pause for at least 6 months the training of AI systems more powerful than GPT-4.

Signatures

**27084**

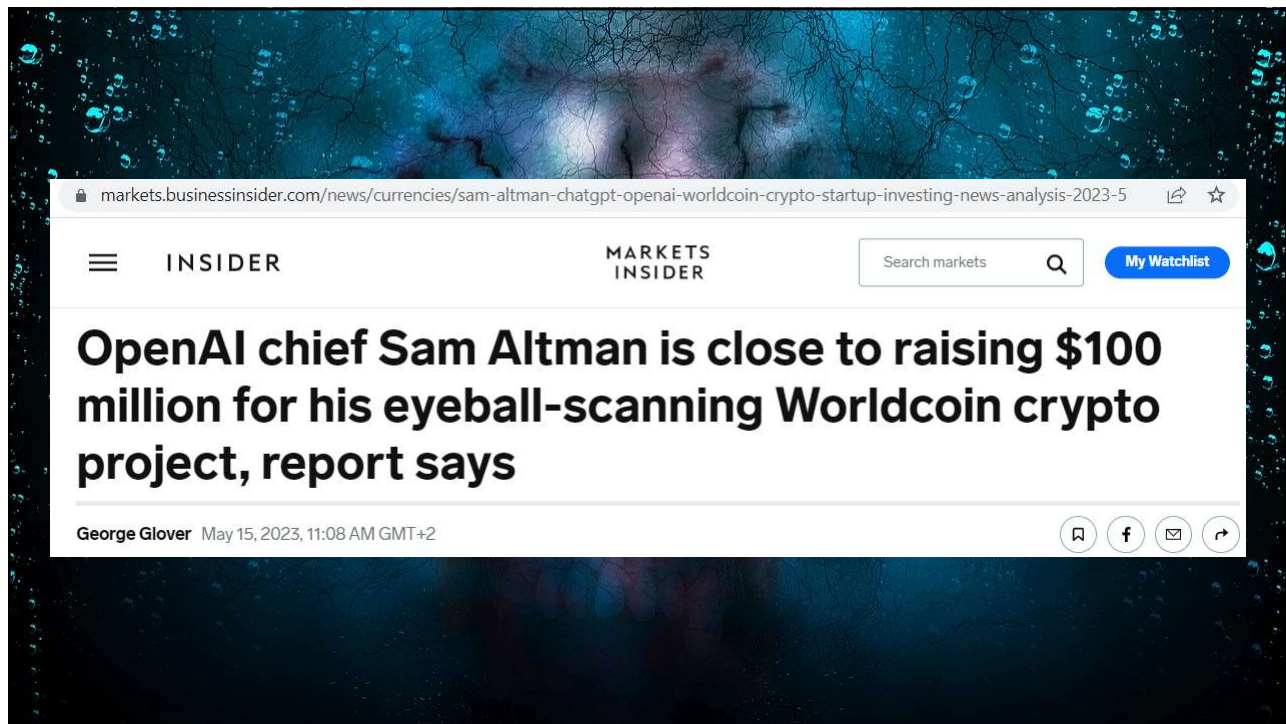
Add your  
signature

PUBLISHED

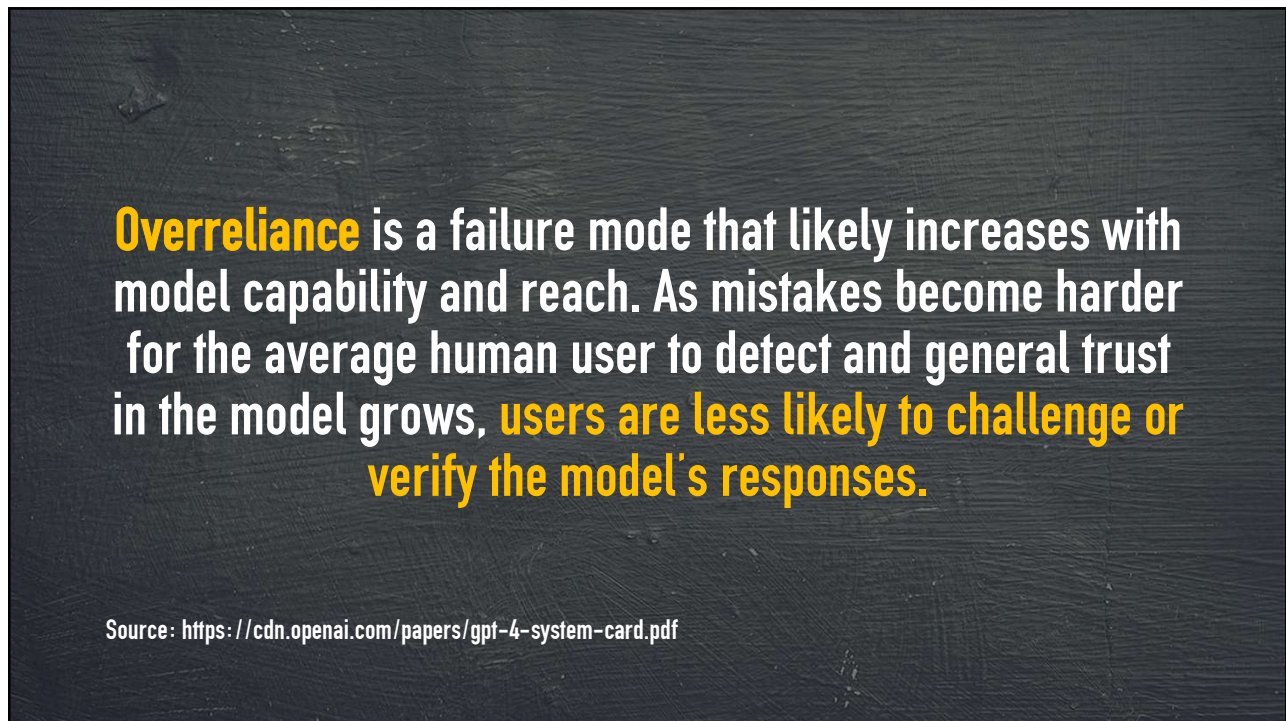
March 22, 2023

13

6



14



15

## *The ChatGPT Lawyer Explains Himself*

In a cringe-inducing court hearing, a lawyer who relied on A.I. to craft a motion full of made-up case law said he “did not comprehend” that the chat bot could lead him astray.

Source: <https://www.nytimes.com/2023/06/08/nyregion/lawyer-chatgpt-sanctions.html>

By *Maria Yagoda* 23rd February 2024

When Air Canada's chatbot gave incorrect information to a traveller, the airline argued its chatbot is "responsible for its own actions".

Source: <https://www.bbc.com/travel/article/20240222-air-canada-chatbot-misinformation-what-travellers-should-know>

16

Source: <https://www.youtube.com/watch?v=qmJ4xLC1ObU>



\*\*\* COMPUTER SCIENCE IS DOOMED \*\*\*

Computer Science has always been about one

**“Translating ideas into programs”**

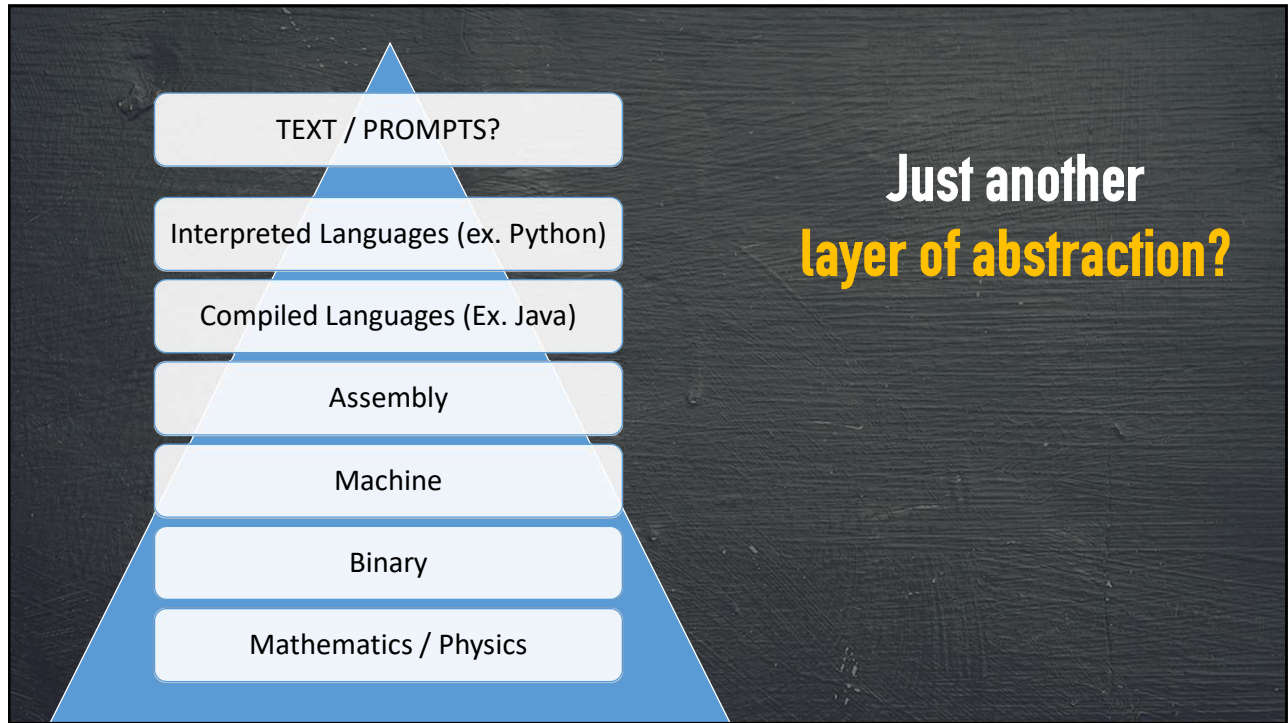
CS is the study of how to take a problem and map it onto instructions that can be executed by a Von Neumann machine.

0:00 / 1:04:21 • Introduction >

ACM Chicago Feb 8 2023: Large Language Models and the End of Programming from Matt Welsh of Fixie.ai

17





18

Source: <https://www.youtube.com/watch?v=qmJ4xLC1ObU>

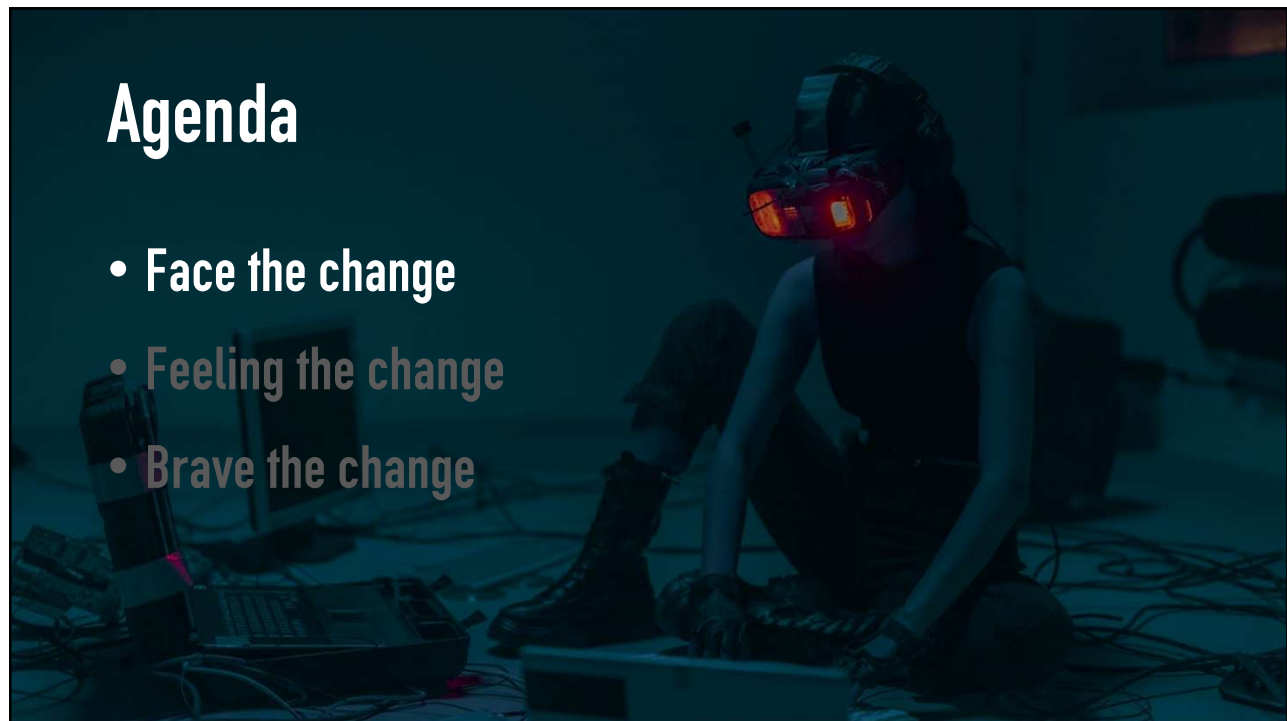
The video frame features a central circular diagram with four nodes connected by arrows in a clockwise cycle. The nodes are: "Human code reviewer" (top-left, with a person's image), "Red-blooded PM (still human)" (top, with a person's image), "AI robot code monkey" (top-right, with a robot's image), and "AI-generated code" (bottom, with a code snippet image). A pink banner at the top reads "Presenting ... The software team of the future". The video player interface at the bottom shows a progress bar at 27:36 / 1:04:21, a volume icon, and a play button.

19

Magic is working on frontier-scale code models to build a coworker, not just a |copilot.

Source: <https://magic.dev/>

20

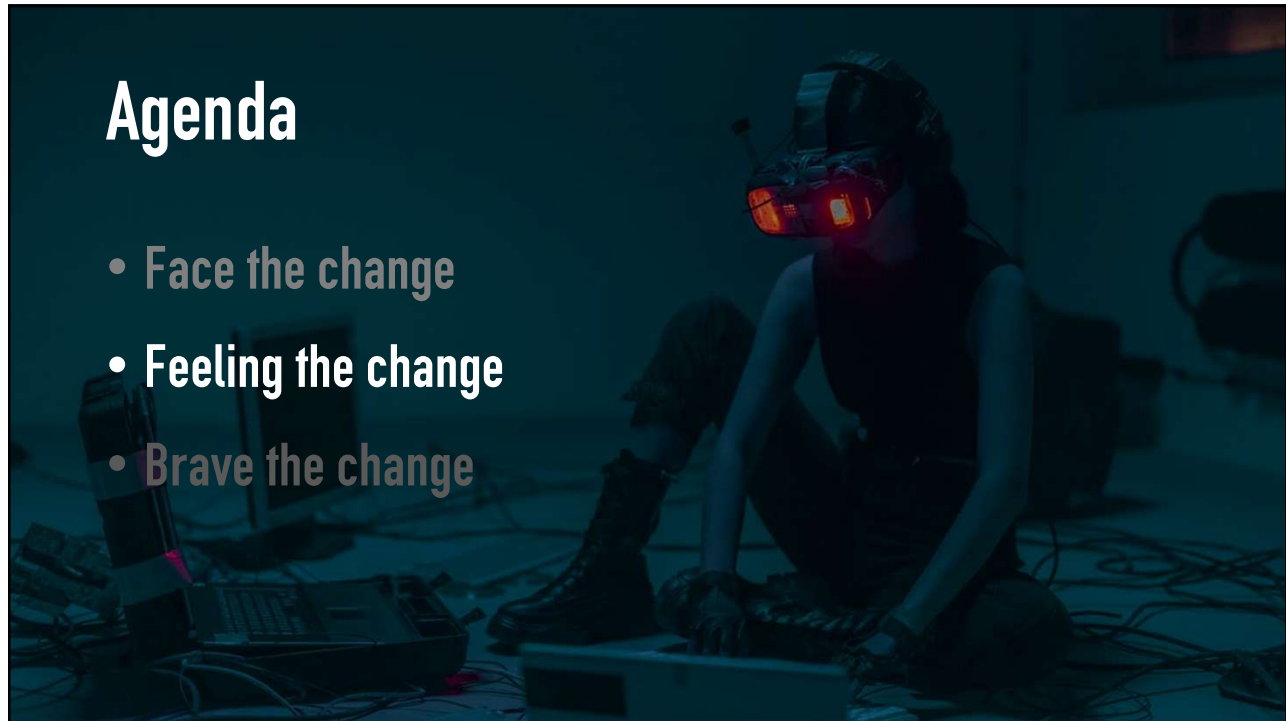


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# Agenda

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 r/blender • 2 mo. ago  
by Sternsafari

I lost everything that made me love my job  
through Midjourney over night.

Source: [https://www.reddit.com/r/blender/comments/121lhfq/i\\_lost\\_everything\\_that\\_made\\_me\\_love\\_my\\_job/](https://www.reddit.com/r/blender/comments/121lhfq/i_lost_everything_that_made_me_love_my_job/)

23

11

**NGMI**  
**(Not gonna make it)**

24

**Adapt or DIE**

25

12



26

Our  
Brains  
Love  
Familiarity

A two-panel cartoon. The top panel shows a 'server' character (a person with glasses) sitting at a desk and handing a document labeled '200' to a 'client' character (a person with a white head). The bottom panel shows the client character looking angry and holding a document that reads: 

```
{  
  "status code": 400,  
  "detail": "Bad Request"  
}
```

27

```
void main() {  
    System.out.println("Hello!");  
}
```

Source: <https://openjdk.org/jeps/463>

28



29

# Who Moved My Cheese?



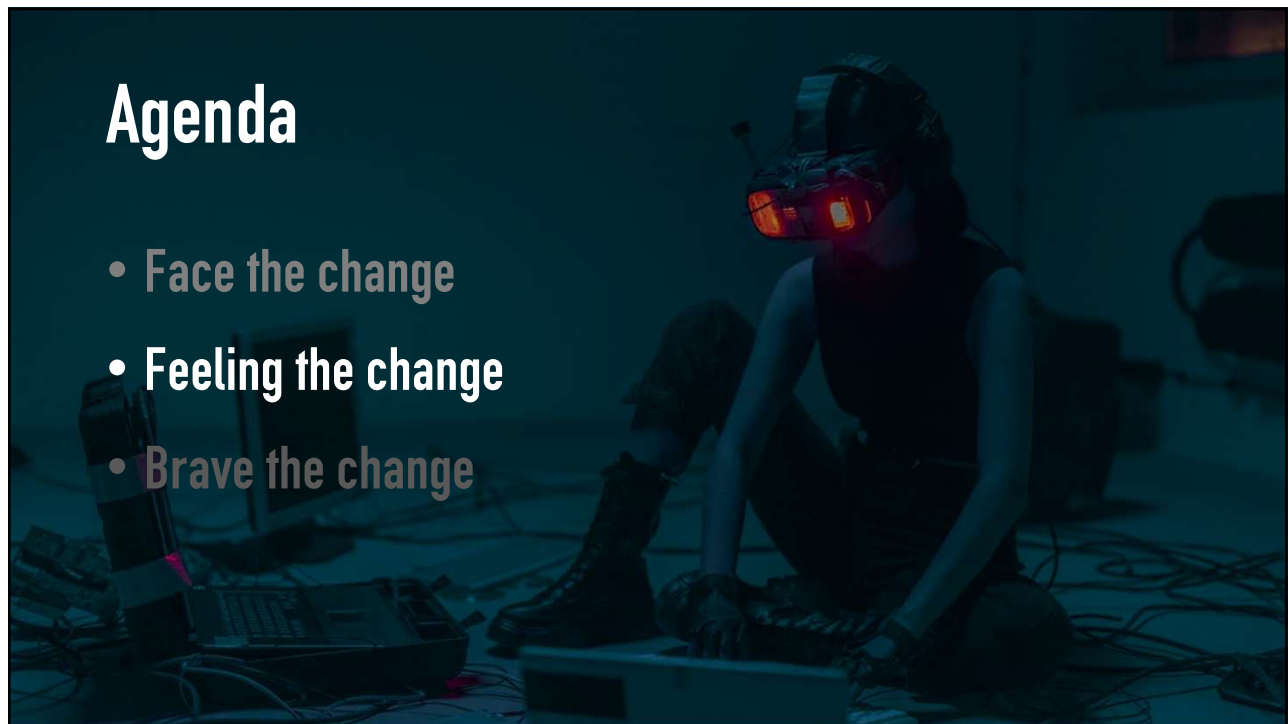
31



Image source: <https://www.linkedin.com/pulse/who-moved-my-cheese-francois-fourie/>

32

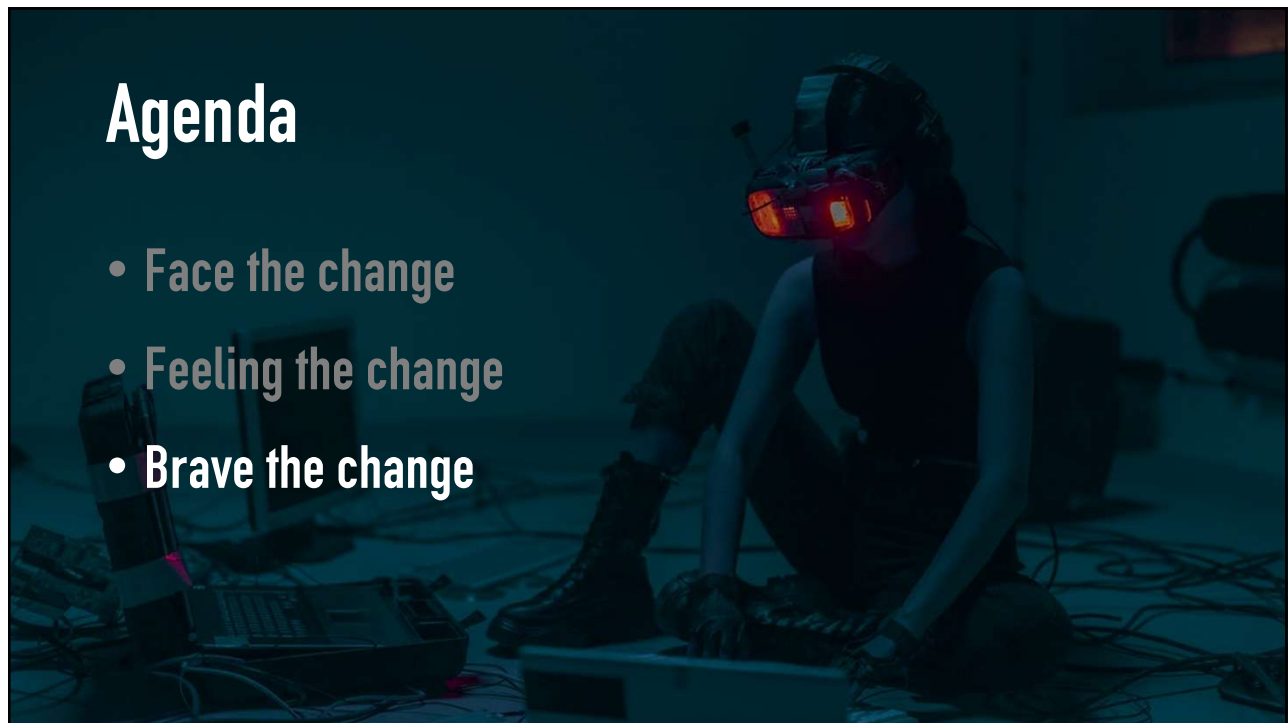
15



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← Foojay Today

Java Beginner Java Core

# Foojay Developer Certification: Measure Skills!

May 23, 2023

*Learn the why and how of a group of enthusiastic people implementing a new sort of developer certification that objectively measures dev skills. We also invite you to join our initiative if you're interested via #certification on the Foojay slack.*



Author  
**Roy Wasse**  
Co-Founder and Managing Director at OpenValue

Show More

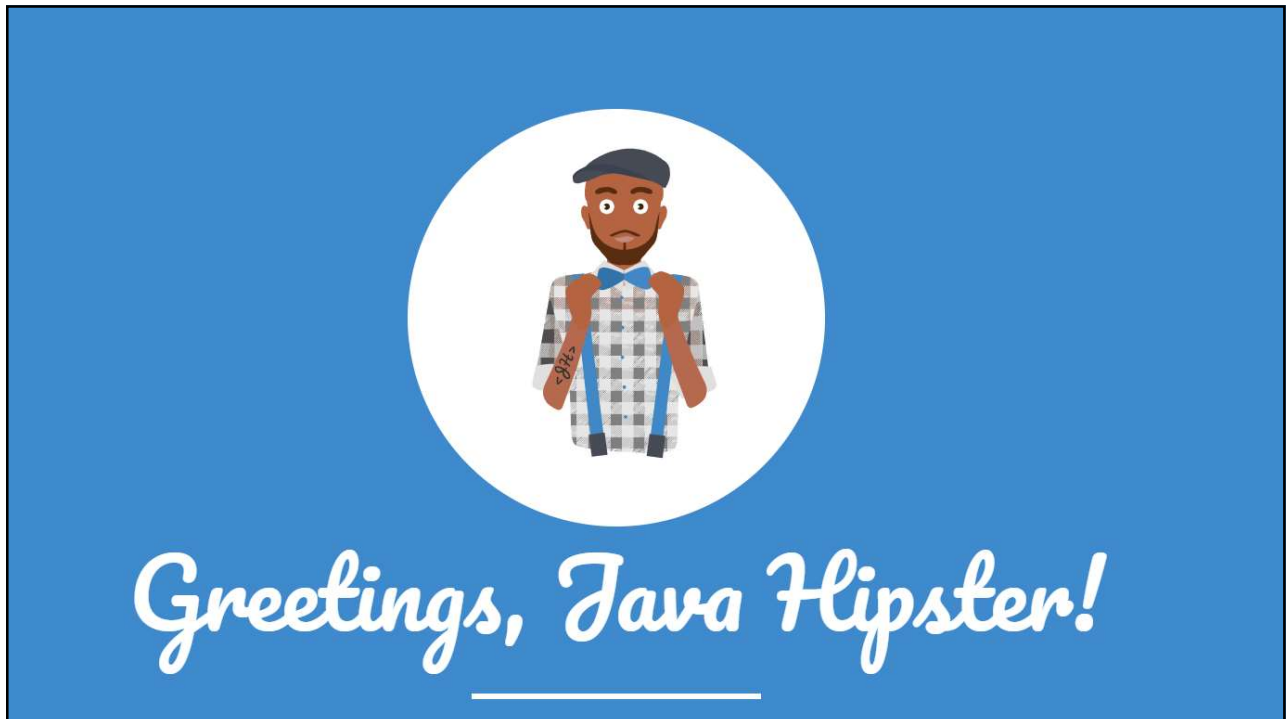
Twitter LinkedIn

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17

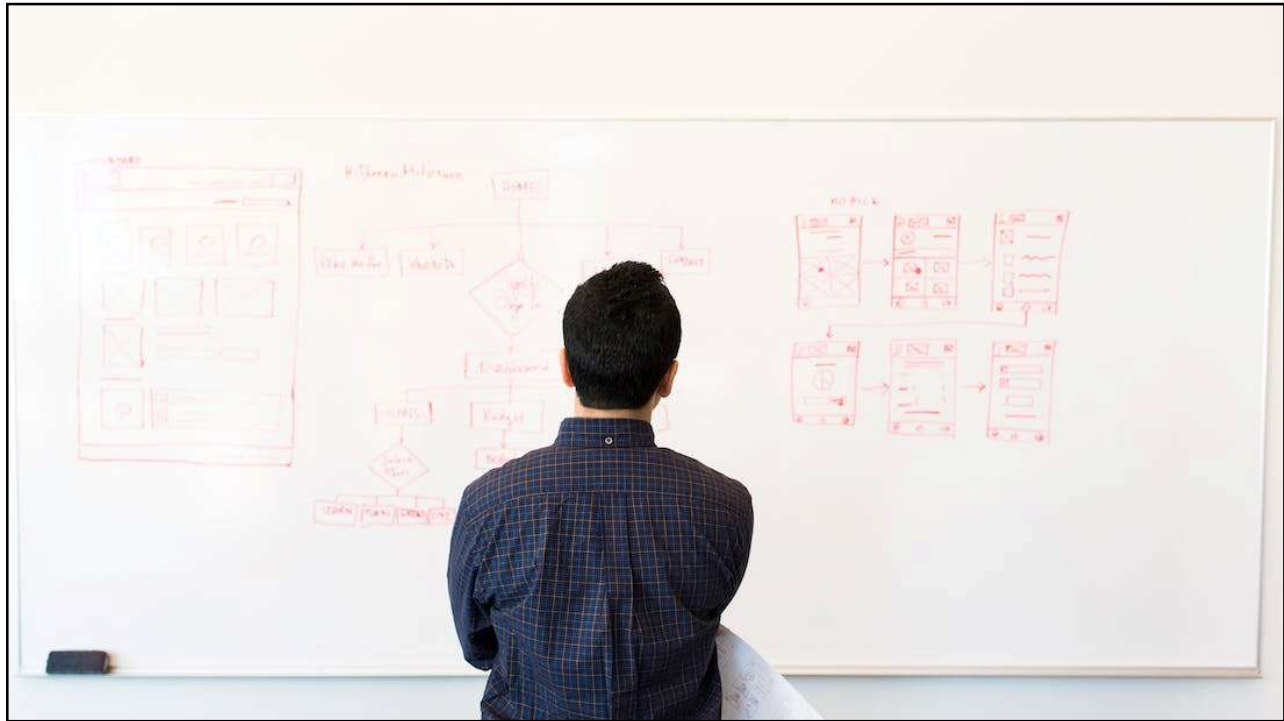


37



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18



40

## Concepts don't decay as fast

- Object Oriented Programming
- Functional Programming
- TDD
- DDD
- Design Patterns
- Clean Code

41

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## We've been here before

- Books: End of knowledge
- Internet: End of knowledge
- Google: End of knowledge
- Code Completion: End of knowledge
- ChatGPT?

42

## Code reading workshop

*JavaZone - Sept 5th, 2023*



<https://maritvandijk.com/>



20

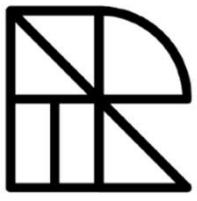
43





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# openrewrite/rewrite


Automated mass refactoring of source code.





 83 Contributors

 246 Issues

 24 Discussions

 1k Stars

 147 Forks



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## Dialogue with ChatGPT

“if you don't like it, you can ask it to adjust it. **It's like it's a weird different way of debugging.** The first versions of these systems ... you said what you wanted ... it wrote some code and that was it. Now, you can have this back and forth dialogue where you can say, no, no, I meant this”

“iterating with the computer as a **creative partner tool**”

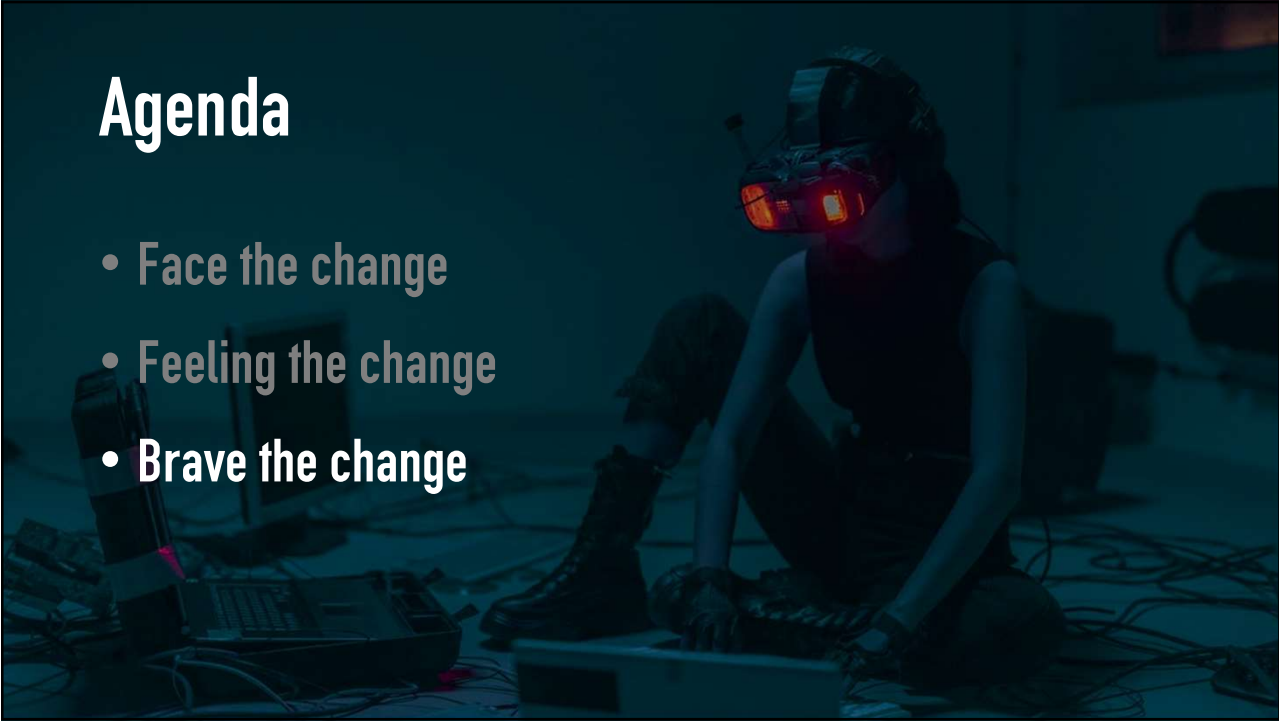
Sam Altman – OpenAI

46



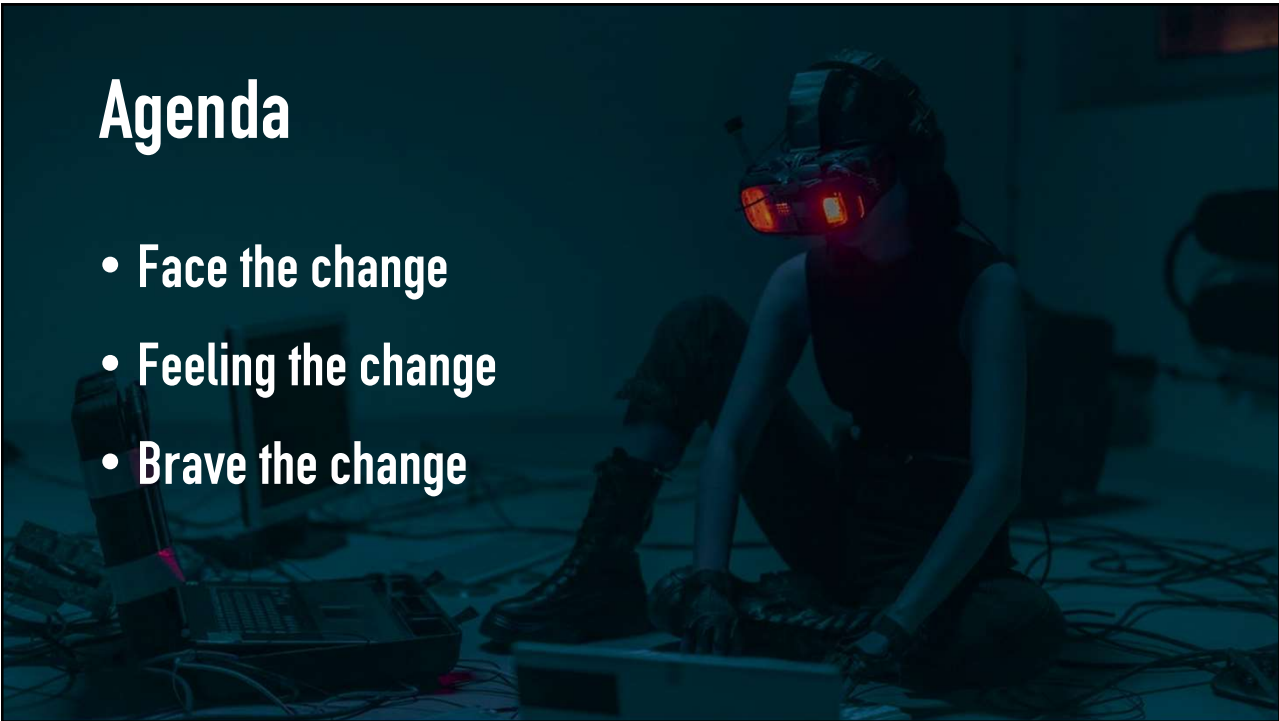
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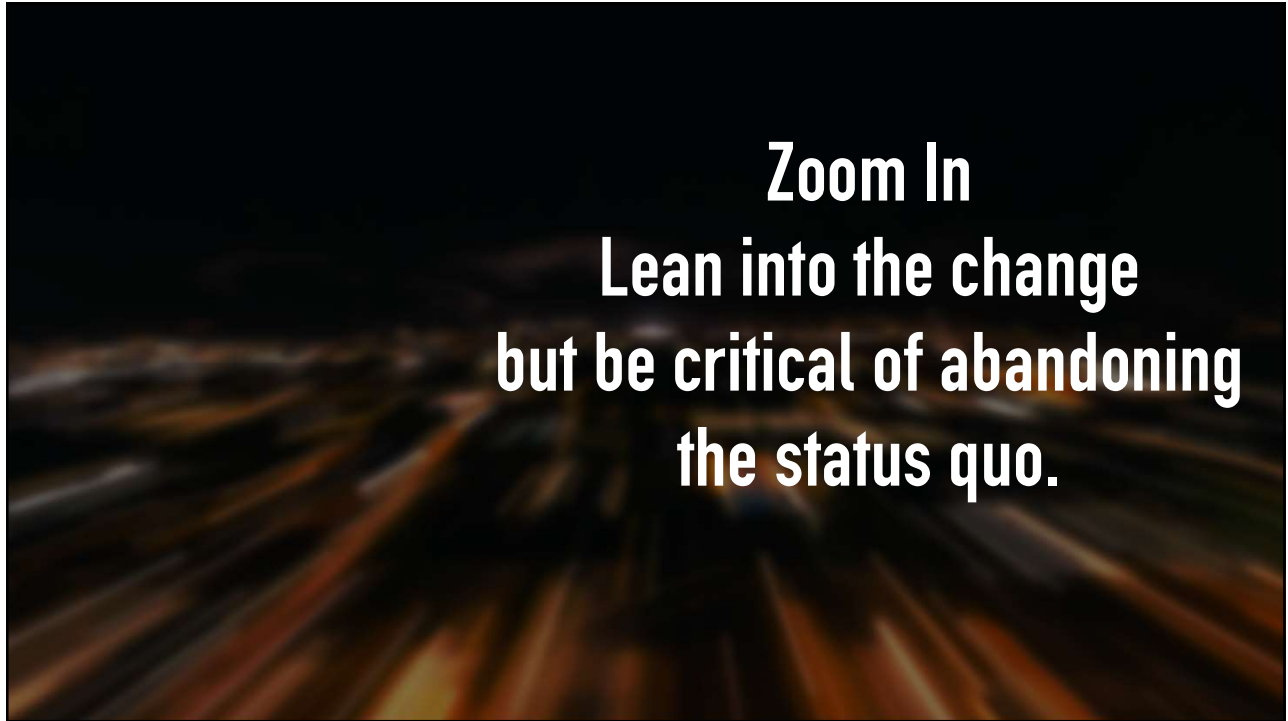
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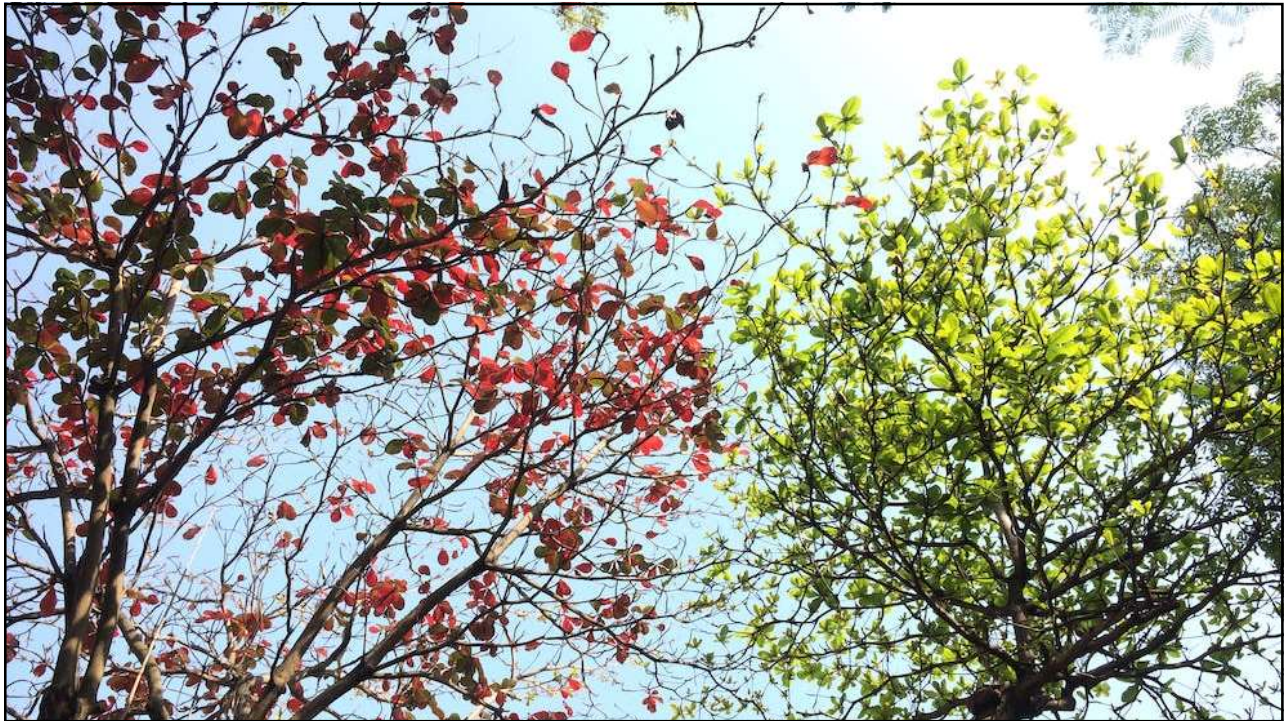


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