

ZACK KASS

Towards AGI

ZACK KASS | FUTURIST





AGENDA

01 Where are we?

02 How did we get here?

03 Where are we going?

04 How can you prepare?

01

Where are we?

We are on the verge
of the most profound
industrial revolution
in human history.

We are ~~furttther~~
than you realize.

We are ~~farther~~
than you realize.

✦ Bard

 ChatGPT

 Midjourney

stability.ai

 DALL-E

 perplexity

AI

 Bloomai
modern intelligence

Gemini ✦



12%

Average Improvement in profit margins by companies adopting AI

\$6 Trillion

Gain in the S&P 500
market cap since the
release of GPT-4

02

How did we
get here?

The Transformer

Available Compute

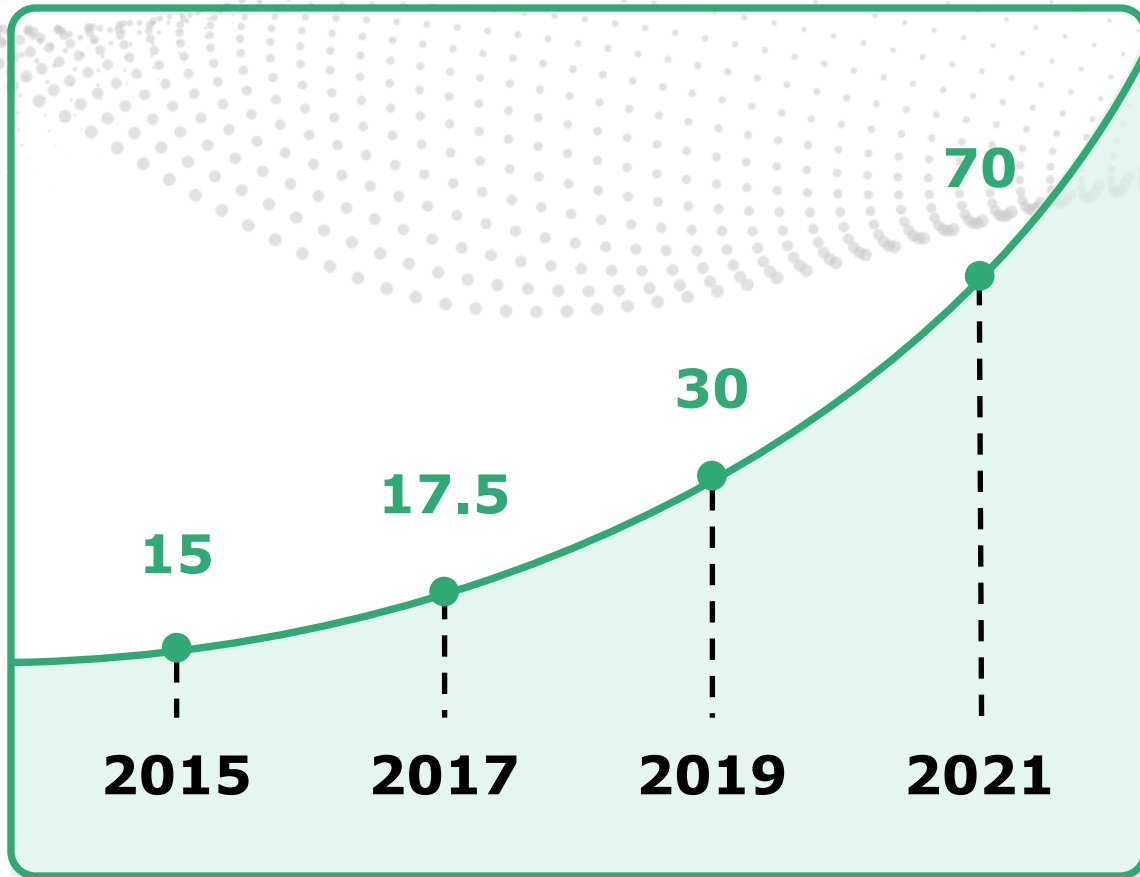
Available Data

Research Interest & Publishing

 OpenAI Google AI Meta

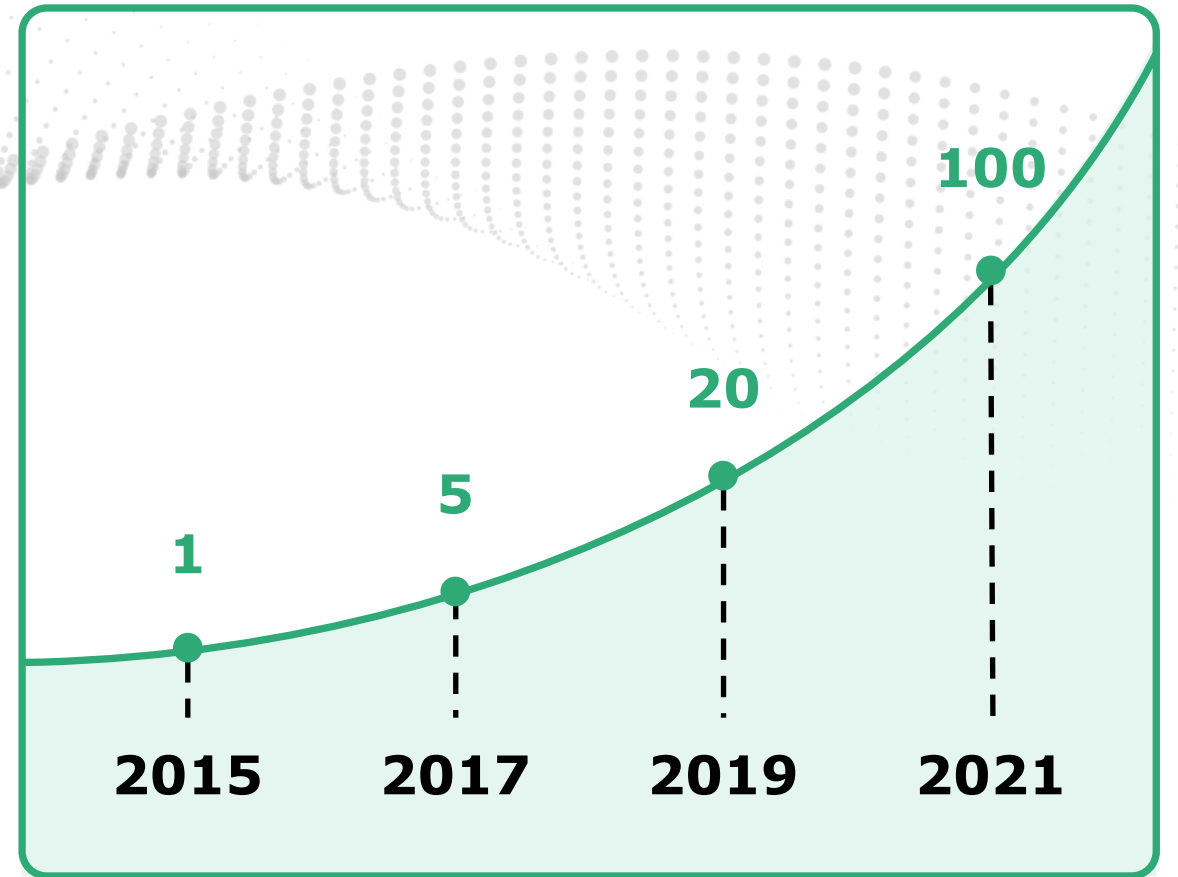
LLM PERFORMANCE

Precision



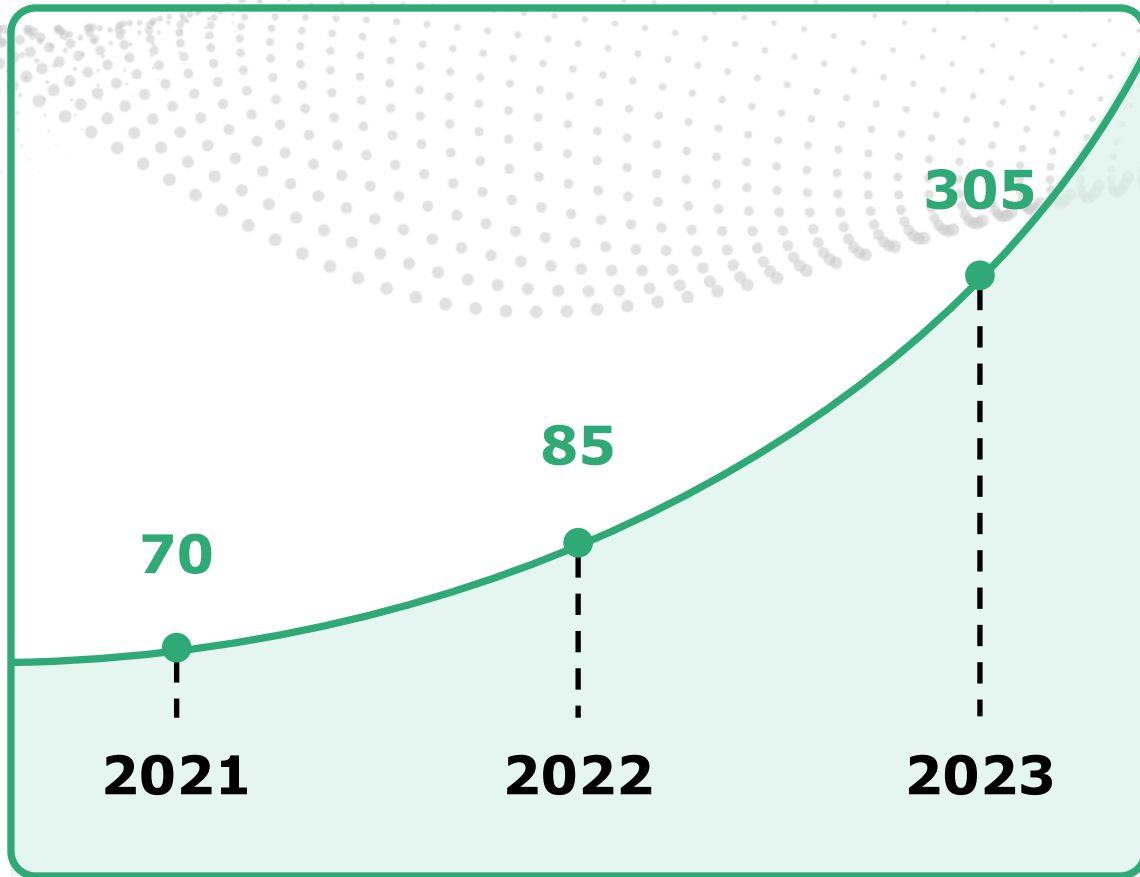
LLM SIZE

Billions of Parameters



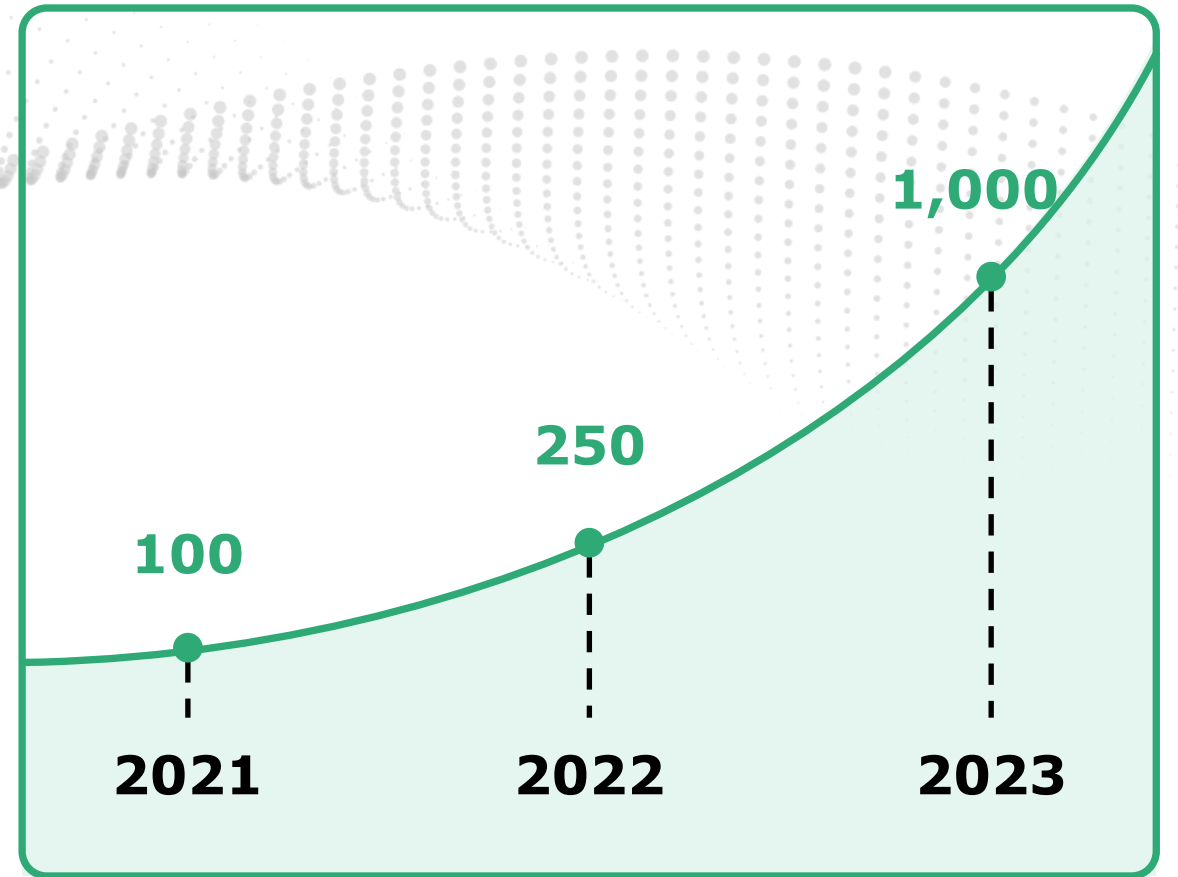
LLM PERFORMANCE

Precision



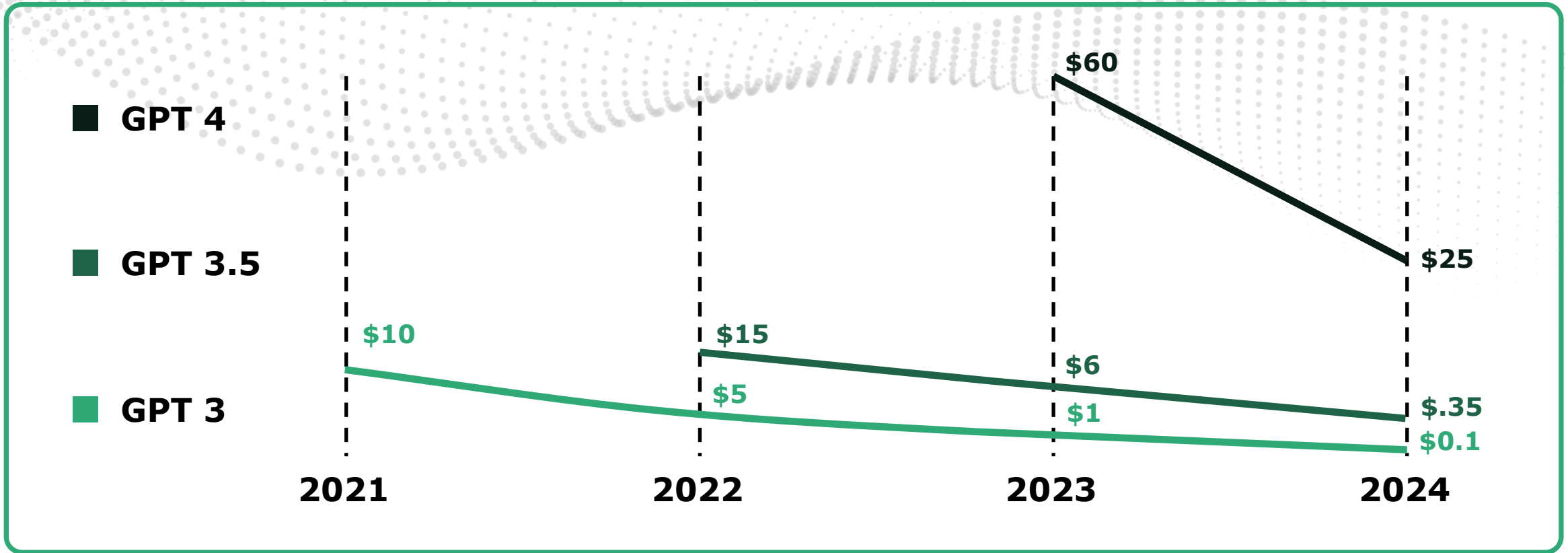
LLM SIZE

Billions of Parameters



AI is getting much less expensive, quickly.

Price per Million Tokens



03

Where are
we going?

We are headed towards
an abundant future.

We will learn to **distinguish**
technological thresholds
and societal thresholds.

The future will unfold
faster than the past.



PHASE 1

Enhanced
Applications

PHASE 2

Autonomous
Agents

PHASE 3

AI-Powered
Operating
System



As the research commoditizes,
AI will become a utility
like the internet.

THE AI REVOLUTION

has the capacity
to complicate and
compromise our lives.

Idiocracy

Identity Displacement

Existentialism

THE AI REVOLUTION

has the capacity to reduce suffering and increase joy in unimaginable ways.



Scientific Breakthroughs

Worker Productivity and
Job Satisfaction

Deflation

Time

SCIENCE

does not necessarily
beget progress.

**Compute
Deficit**

**Energy
Deficit**

**Bad
Policy**

We will
achieve
AGI by

2030


04

How can you
prepare?

It's no longer WHEN you
should adopt, but WHAT
you should adopt.

Prepare for tremendous
change.

Learn how to learn.



Design your life
and work around the
things AI cannot do.

Optimize for humanistic
qualities and skills.



Adaptability

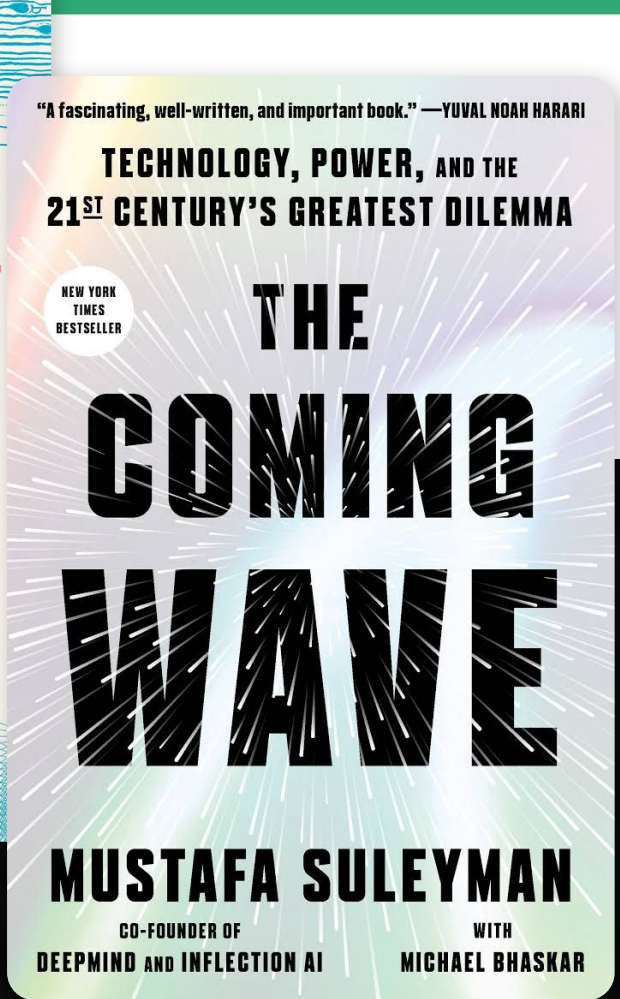
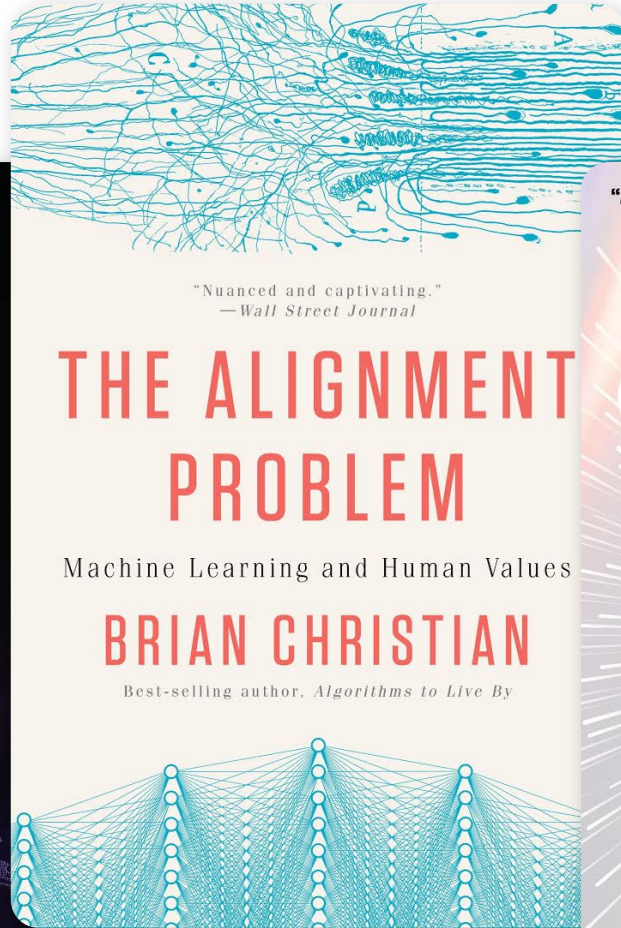
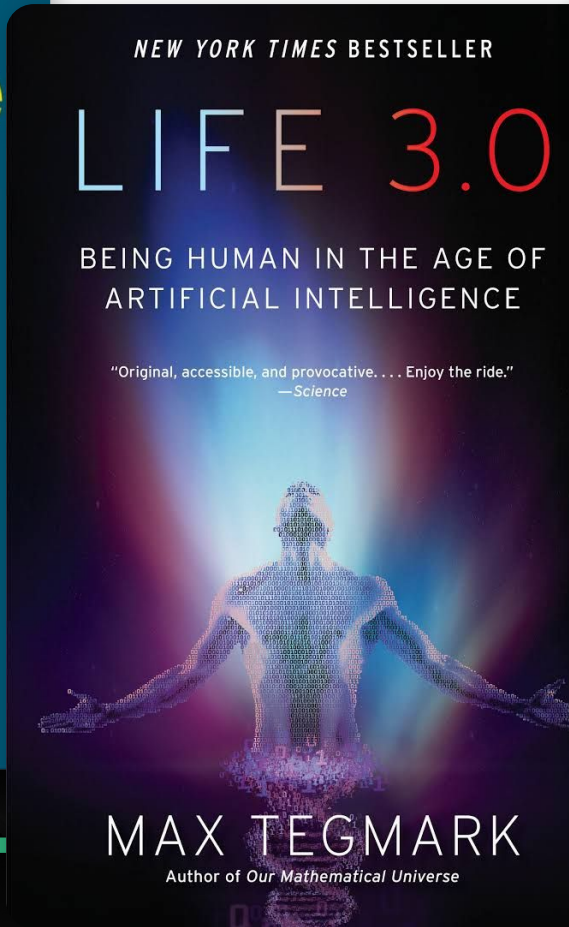
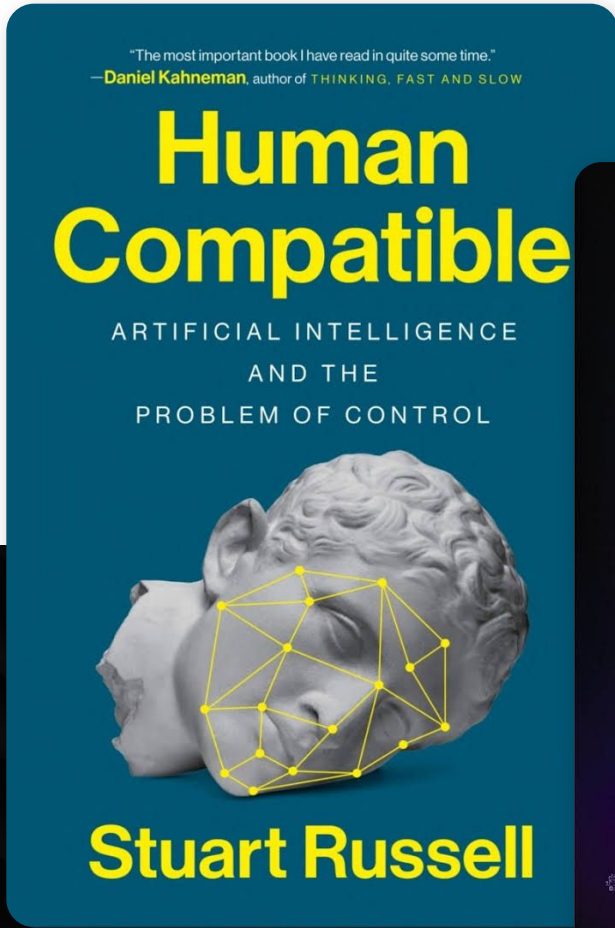
Courage

Curiosity

Wisdom

Empathy

The future is great, but
only if we imagine and
build it together.





**Fei-Fei
Li**

@drfeifei



**Andrej
Karpathy**

@karpathy



**Kirk
Borne**

@KirkDBorne



**Andrew
Ng**

@AndrewYNg



**Demis
Hassabis**

@demishassabis



THANK YOU

ZACK KASS | FUTURIST

[ZACKKASS.COM](https://zackkass.com)