

Future Imperfect

The Sad Tale Of How Artificial Intelligence & Robotics
Can Bring About The **End of Capitalism**
(And The Need For Money)

A Dystopian Descent Into A Utopian Future

Imagine UTOPIA

- 
- Everything That Is Made Will be FREE
 - No Need For Money
 - No Poverty
 - No Starvation
 - No Need To Work

Just Fill Your Life With What You Enjoy

Imagine UTOPIA

- Let Me Take You on a Journey....





5

We Need 5 Crucial Elements To Reach Our Utopia



The 5 Elements

- AGI / ASI



*AGI (Artificial General Intelligence) = Roughly human level Intelligence
ASI (Artificial Super Intelligence) = Better than AGI*



The 5 Elements

- AGI / ASI
- Dexterous Robots



robots that can manipulate the world at least as efficiently as humans



The 5 Elements

- AGI / ASI
- Dexterous Robots
- Sustainable Energy



efficient renewable energy



The 5 Elements

- AGI / ASI
- Dexterous Robots
- Sustainable Energy
- Sustainable Materials



we need materials to create things without destroying the planet



The 5 Elements

- AGI / ASI
- Dexterous Robots
- Sustainable Energy
- Sustainable Materials
- The Will To Believe



we need everyone to come together to help build that global dream



What Do These 5 Elements Gives Us?





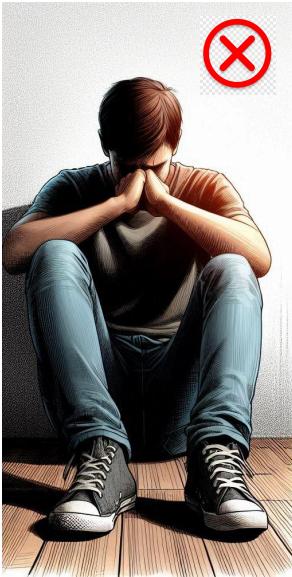
Synthetic Humanoids



- Solve Problems Autonomously
- Do Everything That We Can Do
- Work 24/7
- Work in Environments We Cannot



Humans vs Synthetic Humanoids



- **IMPORTANTLY, UNLIKE PREVIOUS REVOLUTIONS...**
 - **SYNTHETIC HUMANS CAN MOVE INTO ANY MARKET SEGMENT THAT WE COULD MOVE INTO AND REPLACE US!**
 - **WE WILL HAVE NO SPACE TO MOVE INTO TO MAKE MONEY**



Post Labour Economics



- David Shapiro Explains This As:
“...liberating human potential from the requirement of employment.”
- I Say:
“Do what you want, when you want without any worries!”



Zero Cost Economy

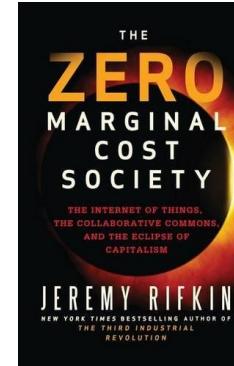
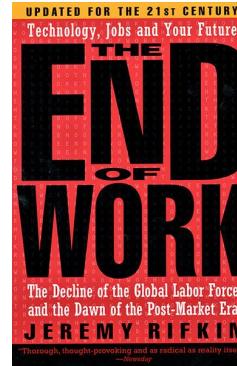


- If:
 - Synthetic Humanoids Can Produce Everything We Need
 - We Can Produce Free Energy
 - Everyone Comes Together To Work For A Zero Cost Economy
- Then:
 - Supply Becomes Near Infinite
 - Prices Decrease To Zero Or Near-Zero
 - (Possibly The End Of Countries)
- After A Critical Mass Where Most Things Are Free / Almost Free, Everything Will Become Free After It Is Absorbed Into Public Ownership For The Greater Good Of Creating A Zero Cost Economy



Zero Cost Economy

- The Idea Of The End Of Work & A Zero Cost Economy Is An Extension Of Jeremy Rifkin's Work





UTOPIA

- Everything That We Need Or Want Will be FREE
- No Need For Money
- End Of Capitalism
- No Starvation
- No Need To Work



Just Fill Your Life With What You Enjoy!



But Wait !!

- How Do We Get To Utopia From We Are Now?
- What Does The Journey Look Like?
- What Does This Mean For Humans?





Don't We Still Need Money?



- Yes... For Now
- While We Are Waiting For The Transition For AI & Robotics To Produce Everything For Free - We Will Still Need Money!
- And Unfortunately There Will Be Less Money To Go Around!



Ever Diminishing Jobs



- Humans Will Increasingly Be Replaced By:
 - Artificial Intelligence
 - Robotics
 - The Greed Of Capitalists (AI + Robotics Is More Cost Effective)



Help me, Protect me



- Governments Will Try To
 - Protect Jobs
 - Protect People
 - Protect Their Status
 - Suppress AI Development & Robotics
- Governments Will Try To Delay The Inevitable!

Not Just Government... It includes media and society at large.



Poverty

- No Money -> Poverty
- Poverty -> Starvation
- Starvation -> Tension
- Diminishing Taxes -> Diminishing Government Support





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Once we reach a tipping point for unemployment and lack of government support, things will become really bad!



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Imagine a world with 80% unemployment

That would be a scary place



War & Death



- Anger Will Increase As Suffering Increases
- Increased Protection For The Rich & Powerful
- Private Armies To Protect The Rich & Powerful
- Wars Between Rich & Poor, Power & Poverty
- Governments Protecting The Powerful Over Citizens
- Wars Will Bring Death to Billions



What Does This All Mean?



- I Believe...



What Does This All Mean?



- I Believe...
 - Governments Won't Be Able To Stop AI / Robotics
(We Are Already Beyond the Point Of No Return)



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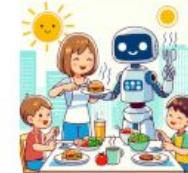
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 - Governments Won't Be Able To Protect People
 - Governments Will Only Delay The Inevitable



What Does This All Mean?



- I Believe...
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 - Governments Won't Be Able To Protect People
 - Governments Will Only Delay The Inevitable
 - Government Actions Will Elongate Suffering Across Generations



What Does This All Mean?



- I Believe...
 - Governments Won't Be Able To Stop AI / Robotics
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 - Government Actions Will Elongate Suffering Across Generations

IT WILL JUST TAKE US LONGER TO GET TO UTOPIA



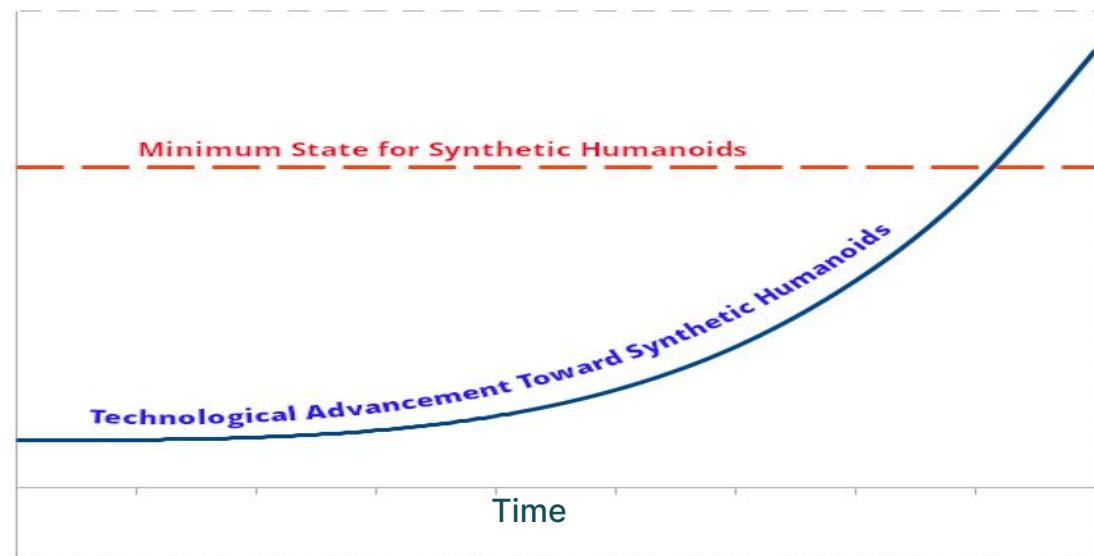
What Does This All Mean?



- Or Put Another Way....

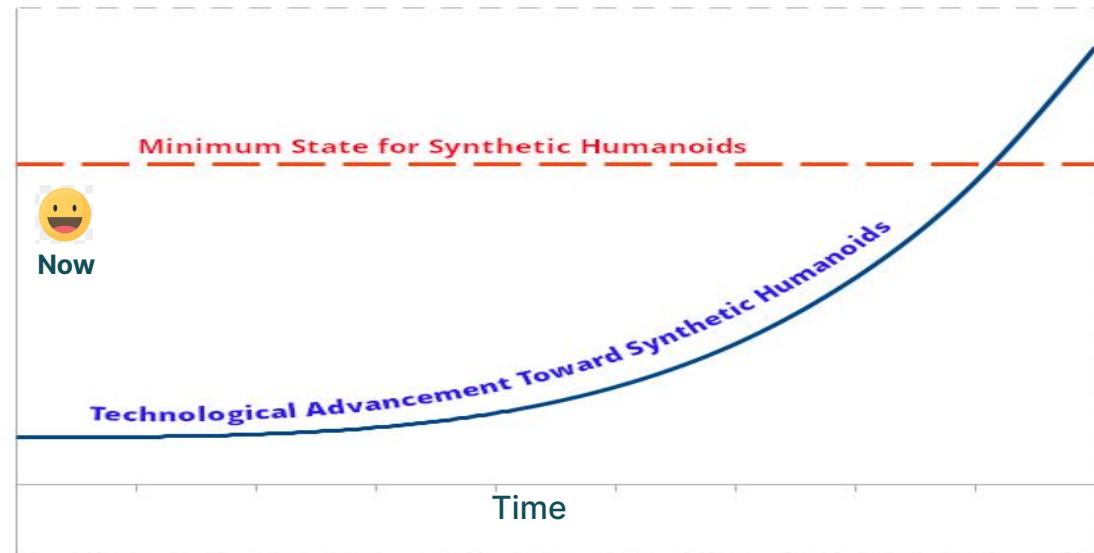


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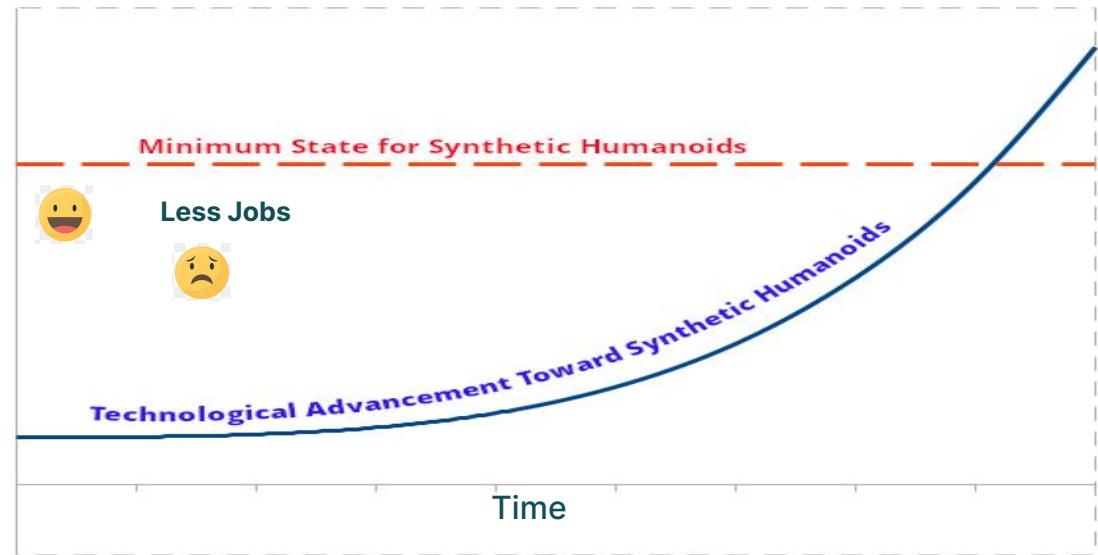


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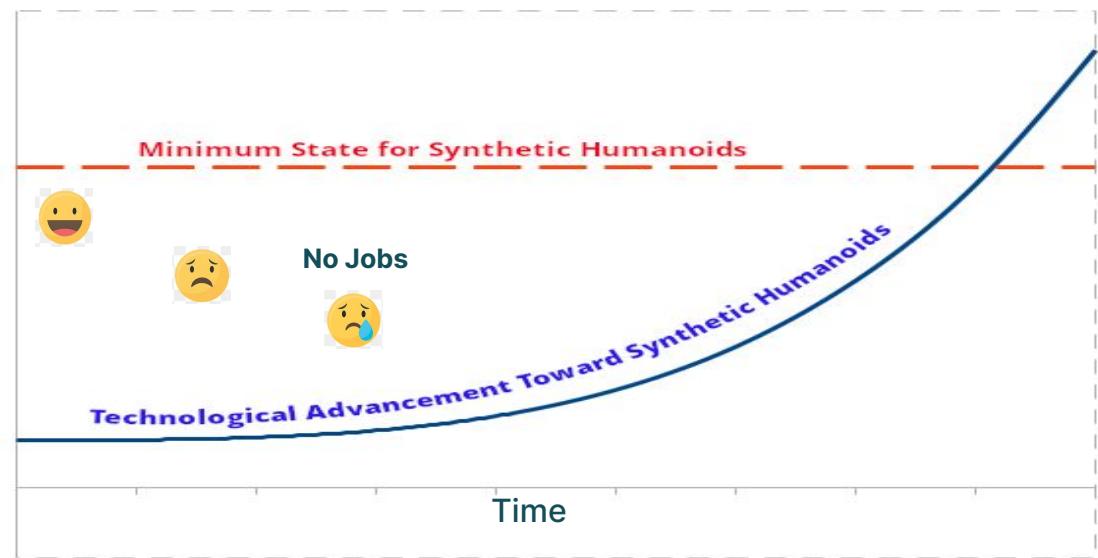


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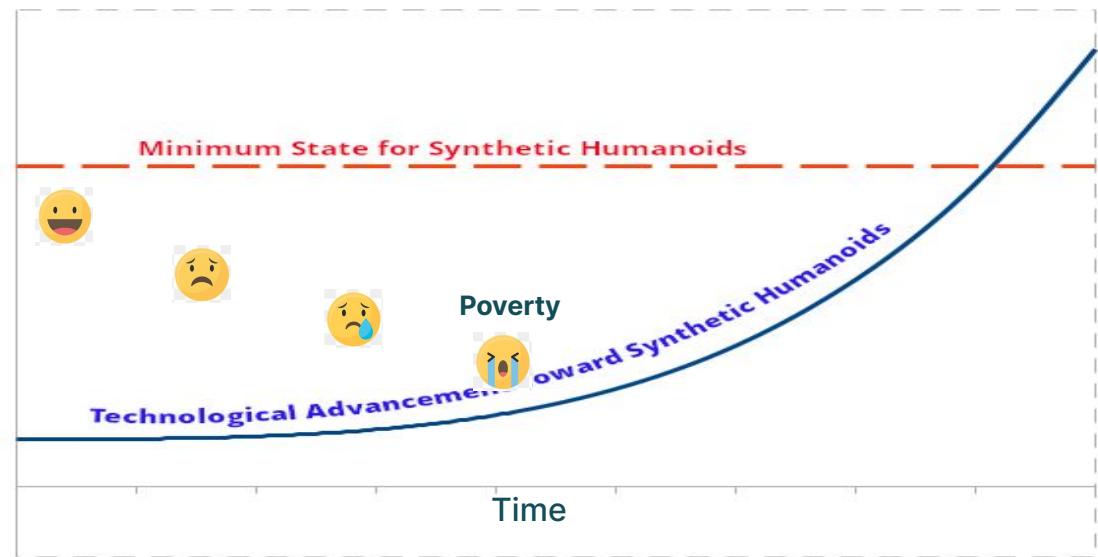


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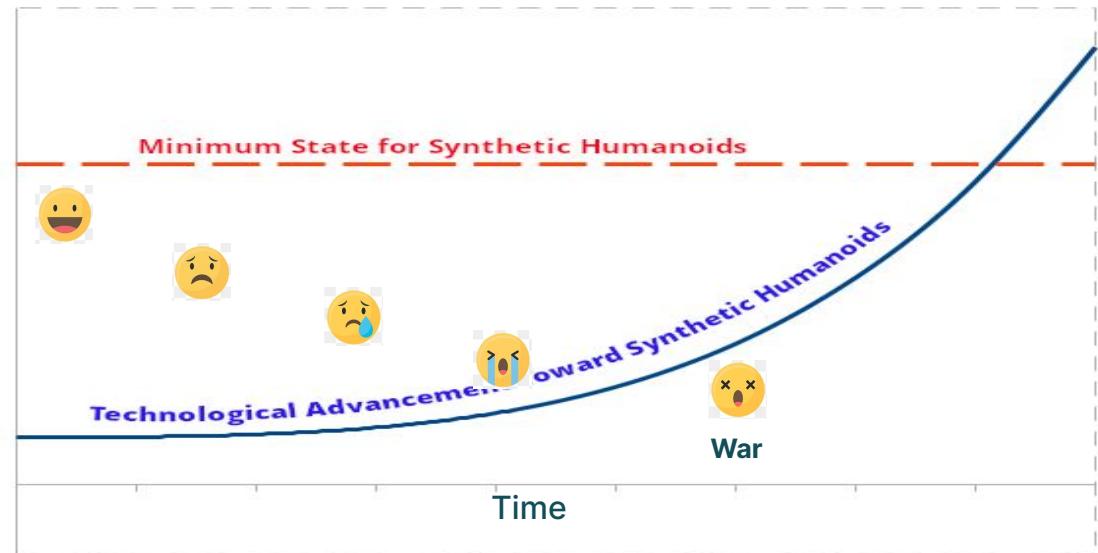


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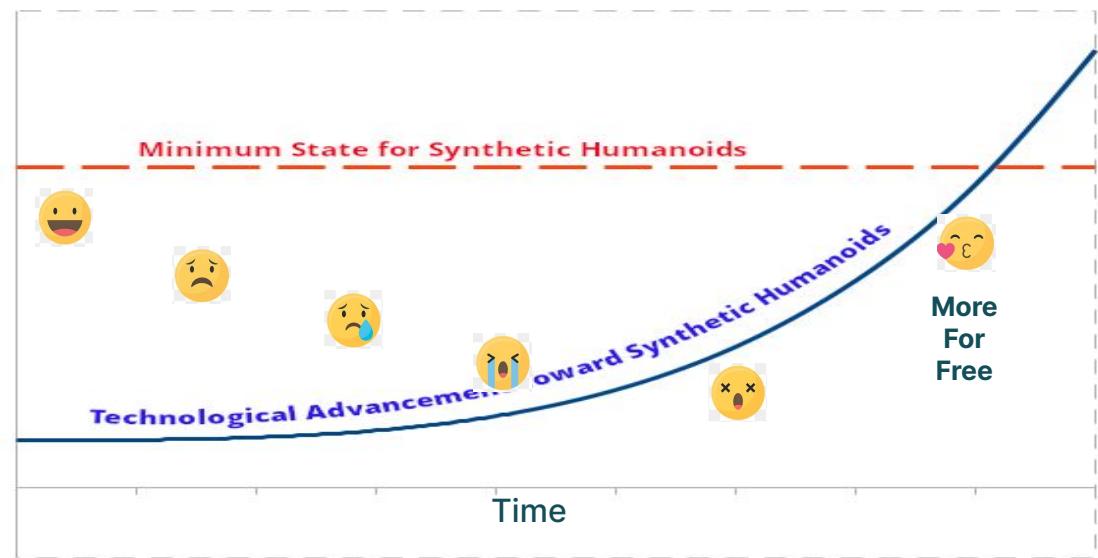


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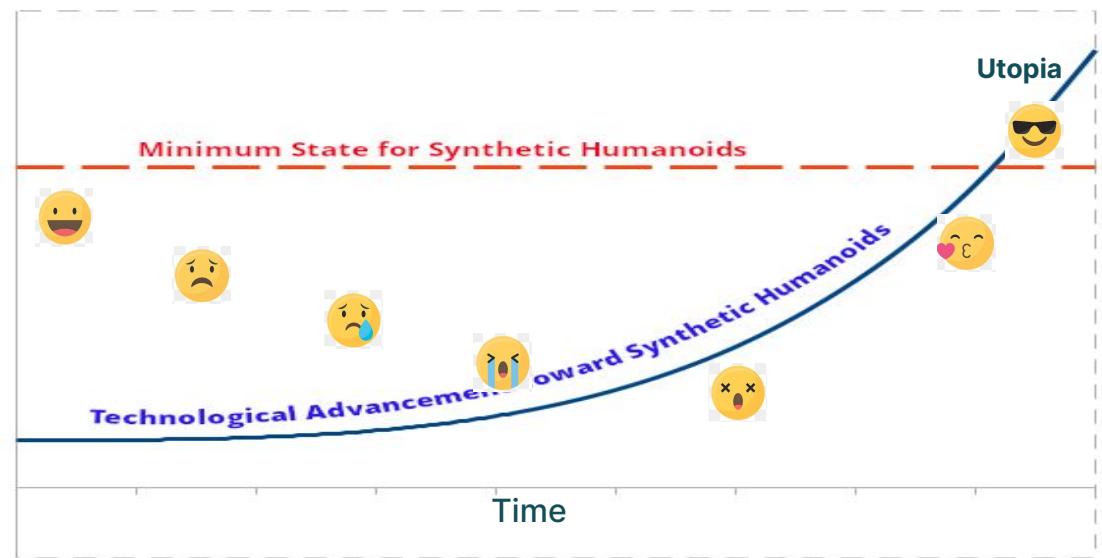


What Does This All Mean?





What Does This All Mean?





So What Can We Do?





Start The Conversation NOW!



- Even If We Don't Have Solutions...



Start The Conversation NOW!



- Even If We Don't Have Solutions - Start The Conversation!



Start The Conversation NOW!



- Even If We Don't Have Solutions - Start The Conversation!
- Even If We Are Scared...



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- Even If We Don't Have Solutions - Start The Conversation!
- Even If We Are Scared - Start The Conversation!
- Even If This Is All Wrong...



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Start The Conversation NOW!



- Even If We Don't Have Solutions - Start The Conversation!
- Even If We Are Scared - Start The Conversation!
- Even If This Is All Wrong - Start The Conversation!

AT THE VERY LEAST

WE NEED TO START THE CONVERSATION NOW



What If We Flip It On Its Head?



This Next Part Won't Be Easy To Hear

Or Agree With

It's Quite Counter-Intuitive....



Maybe There's A Better Way?



Maybe We Should...

- Speed Up AI & Robotics By Incentivising Improvements & Adoption



Maybe There's A Better Way?



Maybe We Should...

- Speed Up AI & Robotics By Incentivising Improvements & Adoption

We May Find It...

- Reduces The Longevity of The Suffering
(intense suffering but compressed into a smaller duration)



Maybe There's A Better Way?



Maybe We Should...

- Speed Up AI & Robotics By Incentivising Improvements & Adoption
- De-regulate this sector

We May Find It...

- Reduces The Longevity of The Suffering
(intense suffering but compressed into a smaller duration)

Because If We Can, We Will....



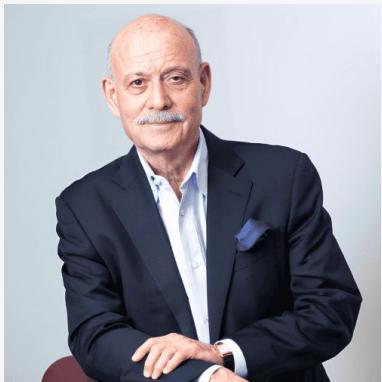
Reach Utopia Sooner For The Betterment Of Future Generations

Let's Discuss



**Thank you for your time
and attention**

And Sorry !!

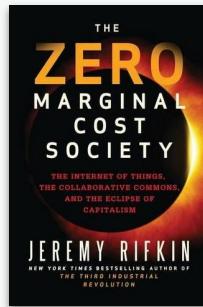
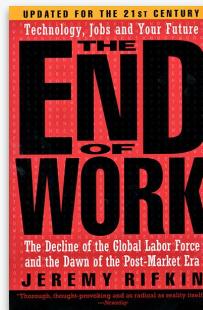


Jeremy Rifkin

Bio

- American Economic And Social Theorist, Writer, And Activist
- Author With 23 Books On Economics, Social Theory, And Futurology
- Lecturer At The Wharton School Executive Education Program
- Listed On The Huffington Post's World's Most Influential Voices (2015)
- Advisor To The Leadership Of The European Union Since 2000

Books



[...and so much more!](#)



Nick Bostrom

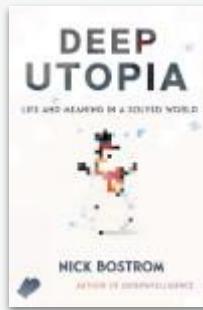
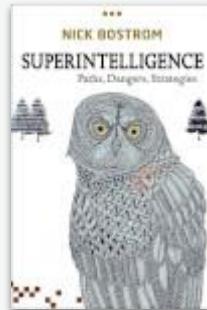
Bio

- Professor, University of Oxford
- Director, Future of Humanity Institute
- FP Top 100 Global Thinkers
- Prospect's Top World Thinker list

YouTube

- [Nick Bostrom on the Meaning of Life in a World where AI can do Everything for Us](#)
- [Nick Bostrom: Simulation and Superintelligence | Lex Fridman Podcast #83](#)

Books



[...and so much more!](#)



Anton Korinek

Bio

- Professor, Department of Economics and Darden School of Business, University of Virginia
- Nonresident Fellow, The Brookings Institution
- Economics of AI Lead, Centre for the Governance of AI
- Research Associate, NBER and CEPR
- Google Scholar

Events

- Nov 2023 **Testimony for the Senate's AI Insight Forum: Preparing the Workforce for an Uncertain AI Future**
- Apr 2023 **Presentation at the IMF/WB Spring Meetings on Generative AI: Four Messages to Economic Policymakers**
- Sep 2022 **Organized Brookings/GovAI Conference on the Governance of Transformative AI**
- Apr 2022 **Online Launch of the Oxford Handbook of AI Governance**
- Dec 2021 **Launched Coursera Online Course on the Economics of AI**

[...and so much more!](#)



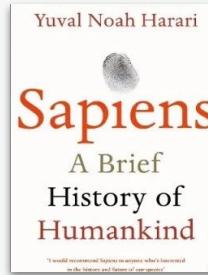
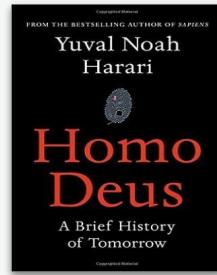
Yuval Harari

Bio

- Historian, philosopher, and the bestselling author
- Keynote speaker on the future of humanity in Davos 2020 and 2018

*Just as industrialization created the working class,
the AI revolution will create a new unworking ‘useless class’*

Books



[...and so much more!](#)



Avital Balwit

Bio

- Chief of Staff to Dario Amodei, CEO of Anthropic
- Researched transformative AI at Oxford's Future of Humanity Institute and at UVA
- Grantmaking in AI safety and biosecurity
- Won a Rhodes Scholarship

Research Interests

- AI Policy and Governance
- Institutional Design
- Existential Risks to Humanity
- Moral Philosophy
- Political Philosophy
- Animal Minds

[...and so much more!](#)



<https://www.businessinsider.com/sam-altman-says-ais-economic-impact-top-concern-2024-5>

Sam Altman doesn't think we are worried enough about how AI will impact the economy

Aaron Mok - May 8, 2024

- OpenAI CEO Sam Altman says AI's impact on the economy should be a top of mind concern.
- "I have a fear that we just won't take that one seriously enough going forward," he said Tuesday during a panel.
- Research suggests AI has the potential to affect millions of jobs and lead to lower wages.