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5 Fronts of the AI-War

Based on the TEDx IIITA talk by Rajiv Malhotra



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Artificial Intelligence and the Future of Power | Rajiv Malhotra | TEDxIIITA



In his TEDx talk at IIITA titled “Artificial Intelligence and the Future of Power,” Rajiv Malhotra delves into the profound impact AI is having on global power dynamics, emphasizing how this technological revolution is reshaping economies, geopolitics, and societies. More information can be found in his book seen at

Ai and Power

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This blog post summarizes the key points from Malhotra's insightful presentation, exploring the five battlegrounds he identifies as critical areas where AI is exerting significant influence.

Economy, Industry, Education, and Jobs

- AI is transforming industries at an unprecedented rate, leading to both opportunities and challenges.
- AI-driven automation is increasing efficiency and productivity, creating new business models and services.
- But, it is displacing traditional jobs, necessitating a rethinking of employment and education systems.
- Need for countries to invest in AI education and training to prepare their workforce for the future.
- Failure to do so could widen the gap between technologically advanced nations and those that lag behind, exacerbating economic inequalities

Geopolitics and Military Power

- Strategic competition between the United States and China, noting that these superpowers are heavily investing in AI to gain military and geopolitical advantages.
- AI technologies could be weaponized, leading to new forms of warfare that include cyber attacks and autonomous weapons.
- Technological arms race poses significant risks, as it could destabilize global security and lead to conflicts driven by AI capabilities.
- Need international regulations and agreements to manage the ethical use of AI in military applications.

The Moronization of the Masses

- AI, through social media and digital platforms, is contributing to the dumbing down of society.
- Algorithms designed to maximize engagement often promote sensationalist and low-quality content, leading to a decline in critical thinking and informed

decision-making among the public. This manipulation of information can have far-reaching effects on democracy and social stability, as people become more susceptible to fake news and propaganda.

- Need individuals to become more discerning consumers of digital content and advocates for stronger regulations on social media platforms to combat this trend.

Loss of Selfhood

- AI technologies, particularly those involving artificial emotions and gratifications, are altering human behavior and identity.
- People are increasingly outsourcing their cognitive functions to AI-driven tools, leading to a potential loss of selfhood and autonomy.
- Dependency on AI for decision-making and emotional fulfillment could erode personal agency and the capacity for independent thought.
- Need deeper understanding of these psychological effects and the development of strategies to preserve human integrity in the face of AI advancements.

Stress-Testing the Indian Rashtra

- India is at a critical juncture, where it must navigate the pressures of technological change while maintaining its cultural and social fabric.
- The country faces the dual challenge of harnessing AI for economic growth and ensuring that its adoption does not exacerbate existing social and economic inequalities.
- Need AI policies that are inclusive and equitable, taking into account India's unique demographic and cultural context.
- India should leverage its strengths in IT and software development to become a global leader in ethical AI innovation.

Conclusion

Rajiv Malhotra's TEDx talk is a clarion call to action, highlighting the profound and multifaceted impacts of AI on the future of power. By identifying and elaborating on these five battlegrounds, he underscores the need for informed and proactive engagement with AI technologies to ensure they are used in ways that benefit humanity and promote global stability.

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Software Development Engineer

Seattle, WA

Mar. 2020 – May 2021

- Developed Amazon checkout and payment services to handle traffic of 10 Million daily global transactions
- Integrated Iframes for credit cards and bank accounts to secure 80% of all consumer traffic and prevent CSRF, cross-site scripting, and cookie-jacking
- Led Your Transactions implementation for JavaScript front-end framework to showcase consumer transactions and reduce call center costs by \$25 Million
- Recovered Saudi Arabia checkout failure impacting 4000+ customers due to incorrect GET form redirection

Projects

NinjaPrep.io (React)

- Platform to offer coding problem practice with built in code editor and written + video solutions in React
- Utilized Nginx to reverse proxy IP address on Digital Ocean hosts
- Developed using Styled-Components for 95% CSS styling to ensure proper CSS scoping
- Implemented Docker with Seccomp to safely run user submitted code with < 2.2s runtime

HeatMap (JavaScript)

- Visualized Google Takeout location data of location history using Google Maps API and Google Maps heatmap code with React
- Included local file system storage to reliably handle 5mb of location history data
- Implemented Express to include routing between pages and jQuery to parse Google Map and implement heatmap overlay



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User

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