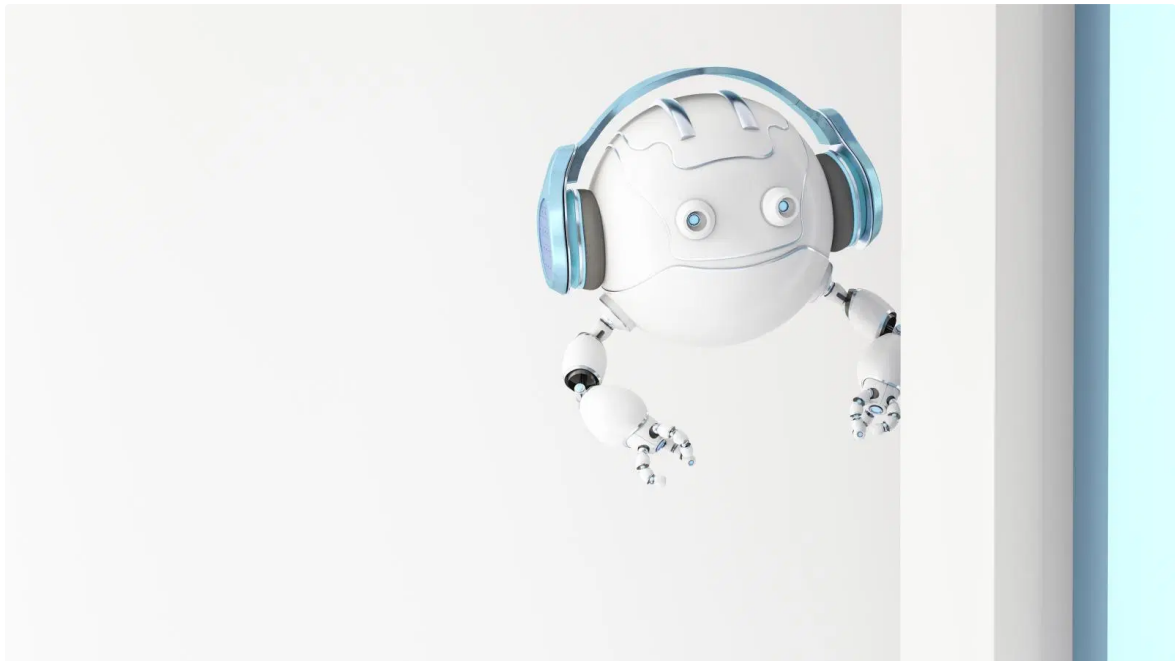


QUARTZ



For your listening pleasure.

TOOLKIT

The people, podcasts, and papers to check out on AI bias

✦ Member exclusive by Helen Edwards for AI's power problem

AI bias is a rapidly changing field. Below you'll find the people to follow to stay on top of it, along with the books, papers, podcasts, and other resources you need to get up to speed.

Podcasts

The Machine Ethics Podcast

Innovation for All (particularly this episode and this one)

Exponential View (particularly this episode)

BBC radio on the AI ethics challenge

Your Undivided Attention, from the Center for Humane
Technology

People to follow

Josh Lovejoy, head of design, Microsoft Cloud and AI

Meredith Whittaker, AI Now

Dorothea Baur, consultant

Arvind Narayanan, Princeton University

Cathy O'Neil, algorithmic auditor

Safiya Umoja Noble, UCLA

Joanna Bryson, University of Bath

Annette Zimmerman, Princeton University

Kate Crawford, AI Now

Jacob Metcalf, Data & Society

Jason Schultz, NYU, AI Now

John C. Havens, IEEE

Adam Cutler, IBM

Cassie Kozyrkov, Google

Joy Buolamwini, Founder, Algorithmic Justice League, MIT

Maria Axente, PwC UK

Chelsea Barabas, MIT

Michael Kearns, University of Pennsylvania

Papers to read

Discriminating Systems: Gender, Race, and Power in AI, AI Now

Regulating Artificial Intelligence Systems: Risks, Challenges, Competencies, and Strategies, Harvard Journal of Law and Technology

The Intuitive Appeal of Explainable Machines, Fordham Law Review

Proxy Discrimination in the Age of Artificial Intelligence and Big Data, Iowa Law Review

Studying Up: Reorienting the study of algorithmic fairness around issues of power, Proceedings of the 2020 Conference on Fairness, Accountability, and Transparency

From ethics washing to ethics bashing: a view on tech ethics from within moral philosophy, Proceedings of the 2020 Conference on Fairness, Accountability, and Transparency

Owning Ethics: Corporate Logics, Silicon Valley, and the Institutionalization of Ethics, Data & Society

Online tools and games

Closing Gaps Ideation Game from the Partnership on AI

Survival Of the Best Fit: a game on bias in hiring

Stealing Ur Feelings interactive documentary from Mozilla

Books

The Ethical Algorithm, Michael Kearns and Aaron Roth.

Algorithms to Live By, Brian Christian and Tom Griffiths

Algorithms of Oppression: How search engines reinforce racism,
Safia Umoja Noble

*Weapons of Math Destruction: How big data increases inequality
and threatens democracy*, Cathy O’Neil

*Biased: Uncovering the hidden prejudice that shapes what we see,
think, and do*, Jennifer L. Eberhardt

Other resources

Algorithmic Impact Assessments: a practical framework for
public agency accountability, AI Now

Salesforce AI ethics blog resource list

Google’s People+AI Guidebook

Microsoft on human-centered AI

World Economic Forum guide for boards on AI Ethics

Machines gone Wrong: a guide for AI practitioners

Gender Shades video from Joy Buolamwini of MIT

