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Zanele Munyikwa

education

Ph.D, Management Information Technologies, MIT Sloan School of Management, Expected 2022
Kenan Sahin (1963) Presidential Fellow
Advisors: Erik Brynjolfsson, John Horton

M.A., Management Research, MIT Sloan School of Management, 2020

Research Fellow (Two-Year Predoctoral Fellowship), Stanford Graduate School of Business, 2015-2017

B.S., Computer Science, Minor in Global Health, Duke University, 2015
Thesis: Compositional Approaches for Document Level Sentiment Analysis

research areas

Economics of Information Systems and Digitization, Labor Economics, Computational Social Science, Ethics and Governance of AI and Data-Driven Decision Making, Mechanism Design

selected coursework

Economics: Microeconomic Theory I & II, Labor Economics, Economics of Information & Technology

Computer Science: Design and Analysis of Algorithms, Cognitive Systems and Intelligent Technologies, Data Visualization, Software Design and Implementation, Web Application Design

Mathematics & Statistics: Machine Learning, Econometrics, Probability and Statistical Inference, Linear Algebra, Differential Equations

Ethics and Governance of Artificial Intelligence, Ethics and Fairness in Data-driven Decision making

conferences & publications

David Holtz, Sanaz Mobasseri, Zanele Munyikwa & Janet Xu. "Cracking the Coding Interview", Presentation, Winter Conference in Business Analytics, 2020 (Cancelled due to COVID-19)

Andrew Chamberlain & Zanele Munyikwa, "What's Culture Worth? Stock Performance of Glassdoor's Best Places to Work 2009 to 2019"., 2020

David Holtz, Sanaz Mobasseri, Zanele Munyikwa & Janet Xu. "Cracking the Coding Interview", Poster Presentation, International Conference Computational Social Science (IC2S2), 2020

NBER Economics of Digitization PhD Tutorial, Stanford University, 2020

"Technological Change and the Racial Wealth Gap", The 2nd Black in AI Workshop @ NIPS, Accepted Abstract, 2018

Participant, Summer Institute in Computational Social Science, Duke University, 2017

Participant & Scholarship Recipient , The PhD Project , 2015

Participant & Scholarship Recipient , ODSC (Open Data Science Conference) West , 2013

works in progress

What tasks in the economy are suitable for robots? (w/ Erik Brynjolfsson, Daniel Rock, Matthew Beane, Tom Mitchell, and Daniela Rus)

Internet Access and the Transition to freelancing (early stage w/ John Horton Adam Ozimek)

The Last Mile of Broadband: Estimating the Economic Impact of the Connect America Fund Initiative (solo)

"Cracking the Coding Interview" (w/ David Holtz, Sanaz Mobasseri, Zanele Munyikwa & Janet Xu).

memberships & service

Program Committee/Reviewer, Mechanism Design for Social Good (MD4SG), 2020

Program Committee/Reviewer, International Conference on Information Systems (ICIS), 2020

Member, Association for Information Systems

Member, National Association of Business Economists (NABE)

Reviewer, NeurIPS Black in AI Workshop, 2018

Reviewer, Practical ML for Developing Countries Workshop @ ICLR, 2020