Jessie J Smith

PhD Student | Bachelor of Science in Software Engineering

Mindful AI ethicist with an excellence in presenting, writing, and doing research. Cultivating ethical tech practices through public thought leadership. Interdisciplinary research interests include artificial intelligence ethics, machine learning fairness, algorithmic bias, policy for technology, computational social science, data privacy, HCI, and the unintended consequences of rapid technological growth.

Experience

Jun 2019 - Aug 2019

Data Science Intern
datapico, Colombia
- R & D on using open data to fight corruption
- Worked with the government to create social impact projects

Jan 2018 - Jun 2019

Machine Learning Ethics Researcher
California Polytechnic State University
- R & D on bias and discrimination in ML predictors
- Created an **Open Source Tutorial** for introductory data scientists to implement fairness models to correct for discrimination

Sep 2018 - Mar 2019

Research Assistant
Ethics + Emerging Sciences Group
- R & D on societal impact of AI "predictive policing" systems, tech-fueled surveillance, & authoritarian lock-in
- Research Assistant, helped write recently NSF-funded grant for ethical tech

Aug 2017 - Feb 2018

Data Privacy & Business Analyst
Sqzee, Student Startup
- R & D on ethical data management and access
- Authored a paper on ethical data management in the startup world and private sector
- Lead UX development, UI developer

Jun 2017 - Sep 2018

Software Engineering Intern
GoDaddy | eCommerce & Hosting UI Teams
- Gathered requirements, architected, developed and tested 3 Microservices for the eCommerce platform, designed and implemented REST APIs
- Led solo R&D on website performance optimization
- Developed UI in React, excelled in an Agile and SCRUM environment

Education

2019 - 2023

University of Colorado, Boulder
PhD Student | Information Science Department
Researching machine learning, ethics, fairness, justice, value tensions, algorithmic bias, and sociotechnical systems.

2014 - 2018

California Polytechnic State University (Cal Poly)
Bachelor of Science | Software Engineering Major
Technical Officer, Women In Software and Hardware (WISH) | Grant Recipient, Data Science Ethics Research | Engineering Deans List | Captain, Treasurer, VP Women's Water Polo Team | Section Leader in Percussion Ensemble | Orientation Leader | Startup Incubator

Contact

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LinkedIn
linkedin.com/in/jessiejsmith

GitHub
github.com/jesmith14

Medium Blog
medium.com/@jessiejsmith01

AI Ethics Podcast
radicalai.org

YouTube Channel
SciFi iRL

Skills

Python | Data Science | ML

Writing | Research

Public Speaking | Teaching

Java | React | Redux | Web Dev

Leadership | Followership

Git | GitHub | Jira | SCRUM

Volunteer Work

Yoga & Meditation
Teaching Kids & Adults in Asia, South America, and USA

English Teacher
ESL Teacher in Colombia (Preschool, Primary School, and Adults)

Outside The Box

Rock Climbing

Percussion & Ukulele

Cinematography & Editing