



Vyoma Raman

Masters Student in Computer Science, admitted Autumn 2023

Bio

BIO

I'm a master's student in computer science interested in the power dynamics and social impacts of natural language processing technologies, especially with respect to human rights and disability justice.

HONORS AND AWARDS

- Google Lime Scholarship, Google (2022)

EDUCATION AND CERTIFICATIONS

- BA, Honors, University of California, Berkeley , Computer Science, Concentration: Human Rights (2023)
- BA, Highest Honors, University of California, Berkeley , Interdisciplinary Studies, Concentration: Human Rights and Algorithmic Justice (2023)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

natural language processing, algorithmic fairness, human rights, disability justice, AI ethics

LAB AFFILIATIONS

- Diyi Yang, Social and Language Technologies Lab (9/1/2023)

Publications

PUBLICATIONS

- **Centering the Margins: Outlier-Based Identification of Harmed Populations in Toxicity Detection** *Empirical Methods in Natural Language Processing*
Raman, V., Fleisig, E., Klein, D.
Association for Computational Linguistics.2023: 9316–9329
- **Bias, Consistency, and Partisanship in US Asylum Cases: A Machine Learning Analysis of Extraneous Factors in Immigration Court Decisions**
Raman, V., Vera, C., Manna, C. J., ACM
ASSOC COMPUTING MACHINERY.2022