Kowe Kadoma

kk696@cornell.edu • www.kadomak.github.io • Updated October 2022

Research interests

AI-Mediated Communication, Algorithmic Fairness, Computational Law

Education

2021 – Present **Cornell University**
Ph.D., Information Science

2017 – 2021 **Florida A&M University**
B.S, Computer Engineering, *summa cum laude*

Publications

Under Review **Estimating Exposure to Information on Social Networks**
Buddhika Nettasinghe, **Kowe Kadoma**, Mor Naaman, Vikram Krishnamurthy

Workshop Presentations

2022 **Estimating Exposure to Information on Social Networks**
Buddhika Nettasinghe, **Kowe Kadoma**, Mor Naaman, Vikram Krishnamurthy
Poster, *International Conference on Computational Social Science*

Research experience

2019 **Re-evaluating Social Support as an Inclusion Criterion for Neurotechnology Research**
Mentors: Dr. Sara Goering, *University of Washington*
Conducted a literature review to investigate social support as a barrier to diverse enrollment in neuroscience clinical trials, and recommended possible strategies for University of Washington's Center for Neurotechnology to implement to enroll diverse candidates in neuroscience clinical trials.

2018 **Computational Methods for Audio-based Noninvasive Blood Pressure Estimation**

Mentors: Dr. Zeljko Ignjatovic, *University of Rochester*

Created a physical simulation of blood flowing through the foreman, and collected heart related data with a piezoelectric sensor and oscilloscope. Applied machine learning techniques to analyze the data, and demonstrated proof of concept of a blood-pressure reading smart watch.

Industry experience

7/2021 - 8/2021 **Uber**, *Summer Legal Associate*

6/2021 - 7/2021 **Jenner & Block**, *Pre-law Clerk*

5/2020 - 8/2020 **Medtronic**, *Software Engineering Intern*

2016 - 2017 **Schwegman, Lundberg, & Woessner**, *Intellectual Property Assistant Intern*

Honors, Awards, & Scholarships

2022 - 2023 Digital Life Initiative Fellowship, *Cornell Tech*

2021 - 2022 Graduate School Dean's Scholars, *Cornell University*

2021 - 2022 Graduate Education for Minorities (GEM) Full Fellow, *Cornell University*

2018 - 2020 Intel Electrical and Computer Engineering Scholar, *Florida A&M University*

2018 Dean's Citation for Broadening Participation in Research, *University of Rochester*

2017 - 2021 Honors Students Association, *Florida A&M University*

2017 - 2021 Distinguished Scholars Award, *Florida A&M University*

Lab Membership and Working Groups

Fall 2022-present **Cornell Tech Research Lab in Applied Law and Technology (CTRL-ALT)**, *Cornell Tech*

A group of legal scholars, computer scientists, and experts from across academia, industry, government who come together to learn from each other and to promote public understanding, thoughtful regulation, and responsible technology.

Spring 2022-present **Online Workshop on the Computational Analysis of Law**, *University of Virginia School of Law*
A global group of scholars from a variety of disciplines that focuses on early stage scholarship in computational legal studies.

Spring 2022 - present **Algorithms, Law, and Policy**, *Mechanism Design for Social Good (MD4SG)*
A multi-institutional, interdisciplinary working group that focuses on the complex relationship between algorithms, law, and policy. Topics include free speech, content moderation, antitrust, data-driven algorithms, the use of "black box" machine learning models, and decision-support tools.

Fall 2021 - present **Artificial Intelligence Policy and Practice (AIPP)**, *Cornell University*
Interdisciplinary, MacArthur Foundation-funded initiative, led by Professors Solon Barocas, Jon Kleinberg, Karen Levy, and Helen Nissenbaum. We engage with technical, sociological, and legal experts to understand and guide the future impact of AI and machine learning research and deployed systems.

Fall 2021 - present **Social Technologies Lab**, *Cornell University*
Led by Mor Namaan, we use a variety of methods, from machine learning and data science to online experiments and qualitative user interviews, to understand how we can build a trustworthy information ecosystem.

Talks and tutorials

2019 Re-evaluating Social Support as an Inclusion Criterion for Neurotechnology Research
University of Washington Research Experience of Undergraduate Symposium

2018 Computational Methods for Audio-based Noninvasive Blood Pressure Estimation
University of Rochester Kearns Research Symposium

Professional memberships

2018 – Present Tau Beta Pi
General member, *Florida Eta*

Service and Leadership

2022– 2023 **President**, Information Science Graduate Student Association, *Cornell University*

2021– 2022 **Reviewer**, Information Science PhD Applicants, *Cornell University*

Technical skills

Programming languages
Proficient in: Python, C++
Familiar with: R, Ruby, MATLAB, VHDL, HTML, CSS

Software
LaTeX, Git, Google Cloud

Languages
English (fluent), Spanish (intermediate), Portuguese (novice)

Other interests

Music criticism, judo, knitting/crocheting