

Education

- 2019 - Present **University of Washington**, Seattle, WA
PhD in Human Centered Design and Engineering
- 2015 - 2019 **CUNY Lehman College**, Bronx, NY
BS in Computer Science, BA In Mathematics

Industry

- Summer 2020 **Microsoft Research**, Research Intern
Utilized computer vision to extract information and develop insights to support personal information management.
- Summer 2019 **Microsoft Research**, Research Intern
Investigated human-AI complementarity in high-stakes decision making scenario. Designed different ways to incorporate machine recommendations to leverage human-AI complementarity.
- Summer 2018 - **Microsoft Research**, Research Collaborator
Fall 2018 Designed and ran a study to examine the impact of different presentations of racial information on human judgment in the context of recidivism. Developed a full stack web application to gather data on MTurk and analyzed results to study significant differences across conditions.
- Summer 2017 **Microsoft Research NY, Data Science Summer School**, Research Student
Analyzed student trajectory in the NYC public school system by calculating student performance based on test results, and then tracking individual student performance over the years. Developed predictive models for dropout rates of students in the system and acceptance rates of students in the NYC high school application process.

Projects

- Winter 2020 - **University of Washington**, HCDE, Graduate Researcher
Present *Wikipedia's Link and Category Structures Analysis*
Exploring content representation in user generated content systems by mapping topics from an external category structure to the system and looking at the distribution of topics across decades.
- Fall 2019 - **University of Washington**, HCDE, Graduate Researcher
Present *Information Needs of Streamers*
Conducted needfinding interviews to understand current experiences and needs of live streamers to help inform the design of systems and tools to support growth of these micro-communities.

Papers

- 2020 **K Mallari**, S Williams, G Hsieh "Information Needs of Streamers"
Be Part Of It: Spectator Experience in Gaming and eSports Workshop. CHI 2020
- 2020 **K Mallari**, K Inkpen, P Johns, S Tan, D Ramesh, E Kamar "Do I Look Like a Criminal? Examining how Race Presentation Impacts Human Judgement of Recidivism." CHI 2020
- 2017 A Chawla, D Futran, R Liriano, **K Mallari**, F Mertil, I Radinsky, R Schuster, T Thao "Student Trajectories and School Choice in the New York City Public School System" MIT CODE 2017

Skills

- Software: AngularJS, ReactJS, NodeJS, Express, JavaScript, HTML, CSS
- Data: R (tidyverse, dplyr, ggplot2), Python (sklearn)
- Design: AdobeXD, Figma