

## 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

## Research

Summer 2020 **Microsoft Research**, Research Intern  
Mentor: Sreekanth Kannepalli  
Utilized computer vision to extract information and develop insights to support personal information management. Developed a full stack web application using nodejs and azure cognitive services.

Winter 2020 - **University of Washington**, HCDE, Graduate Researcher  
Present Advisor: Mark Zachry, David McDonald  
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 Advisor: Gary Hsieh  
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.

Summer 2019 **Microsoft Research**, Research Intern  
Mentor: Kori Inkpen, Besmira Nushi  
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 Mentor: Kori Inkpen  
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  
Mentor: Jake Hofman, Dan Goldstein, Sid Sen  
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.

## 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 Mertel, 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, nltk)  
Design: AdobeXD, Figma  
Qualitative: Interview, Grounded Theory, Thematic Analysis

## Teaching

Autumn 2020 UW; HCDE 451 (UX Prototyping); Teaching Assistant  
Spring 2020 UW; HCDE 596 (DRG: Analyzing and Supporting Twitter-Based Science Communication); Co-Instructor  
2016 - 2017 Lehman College; CMP 167 & 168 (Programming Methods I & II); Teaching Assistant  
2016 - 2017 Lehman College; MAT 128 (Foundations of Data Science); Teaching Assistant

## Awards & Services

2020 CRA URMD Grad Cohort Workshop Scholar  
2019 Microsoft Grace Hopper Conference Scholar  
2018 Grace Hopper Conference Scholar  
2018 CSCW'18 Student Volunteer  
2018 Lehman College Women in Computer Science Co-founder and Chair  
2015 - 2019 Macaulay Honors Scholar, Undergraduate Merit Scholarship

## Leadership & Activities

2020 Member of **Society of Women Engineers** at University of Washington  
2019 Chair of **Women in Computer Science** at Lehman College  
2018 Communications Chair of **Women in Computer Science** at Lehman College  
2017 - 2019 Member of the **National Society of Black Engineers** at Lehman College  
2017 - 2019 Member of the **Society of Hispanic Professional Engineers** at Lehman College  
2017 - 2019 Event Committee Member at the **Bronx Google Developer Group**