

Cat Mai

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🌐 Github: github.com/catxmai
Homepage: catxmai.github.io

Education

- 2018–2022 **Clark University**, Bachelor, Worcester, MA, *Mathematics, Computer Science*.
2016–2018 **Green River College**, AA-DTA High School Diploma, Auburn, WA, *Philosophy*.

Research Experience

- Summer 2021 **Research Assistant**, PI: Dr. Jeff Huang, Brown University.
Sochiatrist project.
- 2020–Present **Research Assistant**, PI: Dr. Shuo Niu, Clark University.
I focus on social media sensemaking through video sharing with Dr. Shuo Niu. We look at YouTube-based social media campaigns such as #TeamTrees and use human evaluation data to investigate participation patterns that emerge across these campaigns.
- 2018–2021 **Research Assistant**, PI: Dr. Sarah Michaels, Clark University.
I worked with Dr. Michaels on talk moves in science classroom. I focused on discussion equity, utterances, and speech pattern in student discussion to understand what makes it productive.
- Summer 2019 **Research Assistant**, PI: Dr. John Garton, Dr. John Magee, Clark University.
During this summer project, we were building prototypes locally and developing proof of concept for the multi-institution conservation project. I used Agisoft Metashape to render 3D models based on photos from Garden of Bomarzo.

Work Experience

- 2019–Present **Teaching Assistant**, Clark University, Dept. of Mathematics & Computer Science.
I grade assignments, lead discussion sessions, and hold office hours.
Computer science classes: Intro to Computer Science, Data Structures, Automata Theory
Math classes: (Proof-based) Honors Calculus I & II, Discrete Math
- 2019–2020 **Technician Intern**, Hamilton Computer Repairs.
I shadowed technicians and learned how to fix laptop hardware. I did diagnostics, part replacement, and refurbishing laptops. Proudest achievement: Learned how to micro solder!

Languages

- Proficient Java, Python, JavaScript, Kotlin, \LaTeX
Familiar C/C++, R
Web Stack HTML/CSS, jQuery, NodeJS, Bootstrap, MongoDB

Publications

* indicates equal contribution

Shuo Niu, Ava Bartolome*, **Cat Mai***, and Nguyen B Ha*. #StayHome #WithMe: How Do YouTubers Help with COVID-19 Loneliness?, CHI 2021.

Cat Mai*, Tina Chiem*, and Anisha Hassan*. Odd One Out”: Model Based Biology in an ESL Classroom, Clark Academic Fall Fest 2019.