

SAMUEL SO

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EDUCATION

University of Washington 2021 - Present

Ph.D. Student, Human Centered Design and Engineering

Research Advisors: Dr. Sucheta Ghoshal and Dr. Sean Munson

Pomona College 2018 - 2021

B.A., Computer Science

Research Advisors: Dr. Alexandra Papoutsaki and Dr. Daniel Epstein (*University of California, Irvine*)

RESEARCH EXPERIENCE

The Institute of Human Development and Social Change, New York University 2022 - Present

Assistant Research Scientist (with Dr. Charlton McIlwain)

Conducting social network analysis on organizations and initiatives that work at the intersection of race and computing technologies. Organizing a Race and Technology network funded by Center for Critical Race + Digital Studies and Microsoft Research.

Human Centered Design and Engineering, University of Washington 2022 - Present

Graduate Research Assistant (with Dr. Sean Munson)

Researching post-mortem data and digital legacies through speculative co-design engagements with dyads composed of close friends, romantic partners, and family members.

Human Centered Design and Engineering, University of Washington 2021 - 2022

Graduate Research Assistant (with Dr. Sam Kolovson)

Researched college athletes and sports tracking technologies. Co-facilitated focus groups and semi-structured interviews in reaction to speculative design fictions about wearable technology. Transcribed, coded, and affinity diagrammed interview data.

Human Computer Interaction Lab, Pomona College 2020 - 2021

Undergraduate Research Assistant (with Dr. Alexandra Papoutsaki and Dr. Daniel Epstein)

Researched an online health community (OHC) around psychiatric drug withdrawal. Sketched and prototyped early iterations of AT Planner, an application that helps patients and providers collaboratively plan, track, and manage psychiatric drug tapers.

Project EMAR, University of Washington 2020
NSF REU Intern (with Dr. Patricia Alves-Oliveira, Dr. Elin A. Björling, and Dr. Maya Cakmak)
Designed virtual mental health interventions under Project EMAR, a NSF-funded project that investigates adolescent stress and mood data through interactions with a social robot.

Human Computer Interaction Lab, Pomona College 2019
Research Assistant (with Dr. Alexandra Papoutsaki)
Researched the impact of shared eye-tracking on remote dyad collaborations across text- and audio-based media.

TEACHING EXPERIENCE

HCDE313: Introduction to User Research, University of Washington SP 2023
Teaching Assistant (taught by Dr. Sucheta Ghoshal) | class size: 38 (Undergraduate)

Speculative Engagements with Post-mortem Digital Legacies, Directed Research Group FA 2022 - SP 2023
Instructor | class size: 6 (Undergraduate and Graduate)

HCDE501: Theoretical Foundations of HCDE, University of Washington FA 2022
Teaching Assistant (taught by Dr. Kristin Dew) | class size: 40 (Graduate)

HCDE419: Concepts in Human-Computer Interaction, University of Washington SP 2022
Teaching Assistant (taught by Dr. Taryn Bipat) | class size: 32 (Undergraduate)

PUBLICATIONS

Peer Reviewed Journals and Conference Proceedings

Eunkyung Jo, Myeonghan Ryu, Georgia Kenderova, **Samuel So**, Bryan Shapiro, Alexandra Papoutsaki, Daniel A. Epstein. (2022) "Designing Flexible Longitudinal Regimens: Supporting Clinician Planning for Discontinuation of Psychiatric Drugs". *Proceedings of the 2022 CHI Conference on Human Factors in Computing Systems* (CHI).

Alexandra Papoutsaki, **Samuel So**, Georgia Kenderova, Bryan Shapiro, Daniel A. Epstein. (2021) "Understanding Delivery of Collectively Built Protocols in an Online Health Community for Discontinuation of Psychiatric Drugs". *Proceedings of the ACM on Human-Computer Interaction* 5, CSCW2, Article 420

Grete Helena Kütt, Teerapaun Tanprasert, Jay Rodolitz, Bernardo Moyza, **Samuel So**, Georgia Kenderova, Alexandra Papoutsaki. (2020) "Effects of Shared Gaze on Audio- Versus Text-Based Remote Collaborations". *Proceedings of the ACM on Human-Computer Interaction* 4, CSCW2, Article 136

SCHOLARSHIPS, GRANTS, AND AWARDS

UW Top Scholar Award (\$2500)	2021
Pomona College Internship Program (\$1200)	2019
Pomona College Scholar	2018, 2019

RESEARCH SKILLS

Methods: User Research, Interviews, Surveys, Co-design, Usability Testing, Remote Participatory Design

Topics: Critical Technology Practice, Discursive Design, Design Research, Social Computing, Personal Informatics, Human-Computer Interaction, Critical Race and Digital Media