

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 <i>NSF REU Intern</i> (with Dr. Patrícia 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.	2020
Human Computer Interaction Lab , Pomona College <i>Research Assistant</i> (with Dr. Alexandra Papoutsaki) Researched the impact of shared eye-tracking on remote dyad collaborations across text- and audio-based media.	2019

TEACHING EXPERIENCE

HCDE313: Introduction to User Research , University of Washington <i>Teaching Assistant</i> (taught by Dr. Sucheta Ghoshal) class size: 38 (Undergraduate)	SP 2023
Speculative Engagements with Post-mortem Digital Legacies , Directed Research Group <i>Instructor</i> class size: 6 (Undergraduate and Graduate)	FA 2022 - SP 2023
HCDE501: Theoretical Foundations of HCDE , University of Washington <i>Teaching Assistant</i> (taught by Dr. Kristin Dew) class size: 40 (Graduate)	FA 2022
HCDE419: Concepts in Human-Computer Interaction , University of Washington <i>Teaching Assistant</i> (taught by Dr. Taryn Bipat) class size: 32 (Undergraduate)	SP 2022

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