

SAMUEL SO

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EDUCATION

University of Washington 2021 -

Ph.D. Student, Human Centered Design and Engineering

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

Pomona College 2018 -

B.A., Computer Science 2021

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

PUBLICATIONS

PEER REVIEWED JOURNALS AND CONFERENCE PROCEEDINGS

Samantha Kolovson, **Samuel So**, and Sean A. Munson. (2024) "Using Speculative Design to Understand Preferred Futures for the Design and Use of Tracking Data in U.S. College Sport Teams". *Proceedings of the ACM Human-Computer Interaction* 8, CSCW1, Article 189

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

WORKSHOPS

Joice Tang, McKane Andrus, **Samuel So**, Udayan Tandon, Andrés Monroy-Hernández, Vera Khovanskaya, Sean A. Munson, Mark Zachry, and Sucheta Ghoshal. (2023) "Back to 'Back to Labor": Revisiting Political Economies of Computer-Supported Cooperative Work." *CSCW '23 Companion*.

RESEARCH EXPERIENCE

Human Centered Design and Engineering, University of Washington 2023 -

Graduate Research Assistant (with Dr. Sucheta Ghoshal and Dr. Sean Munson)

Primary researcher for NSF-funded research project on the 2022-2023 technology layoffs. Researching tech workers' perspectives on the layoff decisions towards the development of workplace accountability systems. Conducted 25 interviews with laid off tech workers.

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

Assistant Research Scientist (with Dr. Charlton McIlwain) 2023

Conducted social network analysis on organizations and initiatives that work at the intersection of race and computing technologies. Organized 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 -

Graduate Research Assistant (with Dr. Sean Munson) 2023

Researched 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 -

Graduate Research Assistant (with Dr. Sam Kolovson) 2022

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.

<p>Human Computer Interaction Lab, Pomona College <i>Undergraduate Research Assistant</i> (with Dr. Alexandra Papoutsaki and Dr. Daniel Epstein) Researched an online health community (OHC) around psychiatric drug withdrawal. Sketched and prototyped early iterations of <i>AT Planner</i>, an application that helps patients and providers collaboratively plan, track, and manage psychiatric drug tapers.</p>	2020 - 2021
<p>Project EMAR, University of Washington <i>NSF REU Intern</i> (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.</p>	2020
<p>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.</p>	2019

TEACHING EXPERIENCE

<p>HCDE492: Capstone Planning, University of Washington <i>Teaching Assistant</i> (taught by Dr. Alan Marks) class size: 76 (Undergraduate)</p>	WI 2024 - SP 2024
<p>HCDE313: Introduction to User Research, University of Washington <i>Teaching Assistant</i> (taught by Dr. Sucheta Ghoshal) class size: 38 (Undergraduate)</p>	SP 2023
<p>Speculative Engagements with Post-mortem Digital Legacies, Directed Research Group <i>Instructor</i> class size: 6 (Undergraduate and Graduate)</p>	FA 2022 - SP 2023
<p>HCDE501: Theoretical Foundations of HCDE, University of Washington <i>Teaching Assistant</i> (taught by Dr. Kristin Dew) class size: 40 (Graduate)</p>	FA 2022
<p>HCDE419: Concepts in Human-Computer Interaction, University of Washington <i>Teaching Assistant</i> (taught by Dr. Taryn Bipat) class size: 32 (Undergraduate)</p>	SP 2022

TALKS AND PRESENTATIONS

“Designing a Digital Memorial: Speculative Engagements with Post-mortem Digital Legacies”

Samuel So. Data & Society, Digital Doppelgangers Workshop. May 2023.

PROFESSIONAL AND ACADEMIC SERVICE

Student Volunteer, ACM Conference on Computer Supported Cooperative Work 2023

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