

Sophia Liu

sophiawliu@berkeley.edu

www.sophiawliu.com

+1 669 256 8054

EDUCATION

University of California, Berkeley

Expected May 2026

B.A. in Computer Science

EECS Honors Program, concentration in AI Ethics & Digital Cultures

HONORS, AWARDS, & GRANTS

NSF CRA CISE REU Travel Grant (\$1,200), ACM CHI, 2026

CRA CCC Blue Sky Award, 3rd Place (\$500), ACM Hypertext & Social Media, 2025

Evergreen Undergraduate Research Award (\$350), UC Berkeley EECS, 2025

Grace Hopper Celebration Scholarship, UC Berkeley EECS, 2024, 2025

Upsilon Pi Epsilon, 2023, 2024, 2025, 2026

RESEARCH EXPERIENCE

Berkeley Institute of Design, UC Berkeley

Jan 2025 – Present

Research Assistant

Advisors: Bjoern Hartmann, Shm Garanganao Almeda

Human-Computer Interaction Institute, Carnegie Mellon University

May 2025 – Sep 2025

Research Intern (NSF REU Program)

Advisors: Kenneth Holstein, Haiyi Zhu, Tzu-Sheng Kuo

Gopnik Cognitive Development and Learning Lab, UC Berkeley

Oct 2022 – Jan 2024


Research Assistant

Advisors: Alison Gopnik, Eunice Yiu

PEER-REVIEWED CONFERENCE PAPERS

Artographer: Art Space Exploration as a Curatorial Media Interaction Design. Shm Garanganao Almeda, John Joon Young Chung, Bjoern Hartmann, **Sophia Liu**, Brett A. Halperin, Yuwen Lu, and Max Kreminski. *Proceedings of the 2026 ACM Creativity and Cognition Conference (C&C 2026)*, London, UK, to appear. [\[preprint\]](#)

Botender: Supporting Communities in Collaboratively Designing AI Agents through Case-Based Provocations. Tzu-Sheng Kuo, **Sophia Liu**, Quan Ze Chen, Joseph Seering, Amy X. Zhang, Haiyi Zhu, and Kenneth Holstein. *Proceedings of the 2026 ACM Conference on Human Factors in Computing Systems (CHI 2026)*, Barcelona, Spain. [\[paper\]](#)

Agency Among Agents: Designing with Hypertextual Friction in the Algorithmic Web. **Sophia Liu** and Shm Garanganao Almeda. *Adjunct Proceedings of the 2025 ACM Conference on Hypertext & Social Media (HT 2025)*, Chicago, IL, USA.  **CRA CCC Blue Sky Award.** [\[paper\]](#)

LIGHTLY-REVIEWED WORKSHOP PAPERS

Chasing RATs: Tracing Reading for and as Creative Activity. **Sophia Liu** and Shm Garanganao Almeda. *Herding CATs: Making Sense of Creative Activity Traces Workshop, ACM Conference on Human Factors in Computing Systems (CHI 2026)*, Barcelona, Spain, Apr 15, 2026. [\[paper\]](#)

Revisiting the Rabbit Hole: The Hypertextual Friction of Wikipedia. Sophia Liu and Shm Garanganao Almeda. *Wiki Workshop 2026*, virtual, Mar 25–26, 2026. [\[paper\]](#)

TALKS, PRESENTATIONS, & POSTERS

Revisiting the Rabbit Hole: The Hypertextual Friction of Wikipedia. Pre-recorded presentation, *Wiki Workshop 2026*, virtual, Mar 26, 2026. [\[recording\]](#)

Agency Among Agents: Designing with Hypertextual Friction in the Algorithmic Web. Oral presentation, *ACM Hypertext & Social Media Conference (HT 2025)*, Chicago, IL, USA, Sep 18, 2025.  **CRA CCC Blue Sky Award.** [\[recording\]](#)

Botender: Supporting Communities in Collaboratively Designing Community AI Agents through Case-Grounded Prototyping. Poster, *HCI REU Symposium*, Carnegie Mellon University, Jul 31, 2025. [\[poster\]](#)

Artifactor: Using Data-Driven Generation & Search for Creative Engagement with Art History. Poster, *EPIC Data Lab Retreat*, UC Berkeley, Apr 16, 2025. [\[poster\]](#)

Cybernetics, Counterculture, & Cyberculture. Guest lecture, *CS 195: Social Implications of Computer Technology*, UC Berkeley, Apr 1, 2025. [\[slides\]](#)

TEACHING EXPERIENCE

CS 61A: Structure and Interpretation of Computer Programs, UC Berkeley Fall 2024 – Present

Head Teaching Assistant

Instructors: John DeNero, Kay Ousterhout

CS 195: Social Implications of Computer Technology, UC Berkeley Spring 2025

Head Teaching Assistant

Instructor: Joshua Hug

INDUSTRY EXPERIENCE

Software Developer Intern, Federal Reserve Board May 2024 – Aug 2024

User Experience & Digital Innovation Division, Washington, D.C.

Software Engineer Intern, InClass Sep 2023 – Jan 2024

Berkeley, California

ACADEMIC SERVICE

Student Volunteer, ACM Conference on Human Factors in Computing Systems (CHI 2026)

Undergraduate Representative, EECS Faculty Search Committee, UC Berkeley, 2025

Student Volunteer, ACM Conference on Hypertext & Social Media (HT 2025)

Reviewer, New Interfaces for Musical Expression (NIME 2025)