

Sophia Liu

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EDUCATION

University of California, Berkeley

Expected May 2026

B.A. in Computer Science

EECS Honors Program, concentration in AI Ethics & Digital Cultures

HONORS AND AWARDS

- CRA CCC Blue Sky Award, ACM Hypertext & Social Media, 2025
- Evergreen Undergraduate Research Award, UC Berkeley EECS, 2025
- Grace Hopper Celebration Scholarship, UC Berkeley EECS, 2024, 2025
- EECS Honors Program Scholar, UC Berkeley
- Upsilon Pi Epsilon (CS Honor Society), 2023–Present

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

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, to appear. [\[preprint\]](#)

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.  **Blue Sky Award.** [\[paper\]](#)

WORKSHOP & EXTENDED ABSTRACT 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. [\[preprint\]](#)

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

MANUSCRIPTS UNDER REVIEW

Artographer: A Curatorial Interface for Art Space Exploration. Shm Garanganao Almeda, John Joon Young Chung, Bjoern Hartmann, **Sophia Liu**, Brett A. Halperin, Yuwen Lu, and Max Kreminski. Under review. [\[preprint\]](#)

TALKS, PRESENTATIONS, AND POSTERS

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. [🏆 Blue Sky Award](#). [\[video\]](#) [\[slides\]](#)

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 – Spring 2026

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 (Spring 2025)
- Student Volunteer, ACM Conference on Hypertext & Social Media (HT 2025)
- Reviewer, New Interfaces for Musical Expression (NIME 2025)