

# Sophia Liu

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## EDUCATION

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**University of California, Berkeley**

Expected May 2026

B.A. in Computer Science

EECS Honors Program, concentration in AI Ethics & Digital Cultures

## HONORS, AWARDS, & GRANTS

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NSF CRA 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

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**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

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**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

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**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. [\[paper\]](#)

## MANUSCRIPTS UNDER REVIEW

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**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, & POSTERS

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**Revisiting the Rabbit Hole: The Hypertextual Friction of Wikipedia.** Pre-recorded presentation, *Wiki Workshop 2026*, virtual, Mar 26, 2026.

**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.** [\[video\]](#)

**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

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**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

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**Intern, Gigi** [\[gigi.co\]](#) April 2026 – Present

San Francisco, California

**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

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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)