Sophia W. Liu

Curriculum Vitae

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Education

Exp. 2027 **M.S. in Electrical Engineering and Computer Science**, University of California, Berkeley

2022–2026 **B.A. in Computer Science**, University of California, Berkeley

Research Experience

2026– **Graduate Research Assistant**, UC Berkeley, Berkeley Institute of Design

2025–2026 **Undergraduate Research Assistant**, UC Berkeley, Berkeley Institute of Design

2025 **Research Intern (NSF REU)**, Carnegie Mellon University, Human-Computer Interaction Institute

Preprints

2026 **Feeling Wistful: Reflecting on Scholarly Sensibilities with Creative Reading Traces**
SW Liu, K Chier, SG Almeda, M Kreminski, B Hartmann

Publications

2026 **Feeling UISTful: An Interactive Portrait of Scholarly Authorship, Readership, and the In-Between**
ACM Symposium on User Interface Software and Technology (UIST), Demo Track
SW Liu, SG Almeda, M Kreminski, B Hartmann

2026 **Creative Reading: Scaffolding Reading for Transformation**
ACM Conference on Hypertext & Social Media (HT), Blue Sky Track
S Liu, S Abowitz, Y Liu, S Sterman, SG Almeda, M Kreminski

2026 **Artographer: a Curatorial Interface for Art Space Exploration**
ACM Creativity and Cognition Conference (C&C)
SG Almeda, JJY Chung, S Liu, BA Halperin, Y Lu, B Hartmann, M Kreminski
Best Paper Honorable Mention (Top 5%)

2026 **Botender: Supporting Communities in Collaboratively Designing AI Agents through Case-Based Provocations**
ACM Conference on Human Factors in Computing Systems (CHI)
T-S Kuo, S Liu, QZ Chen, J Seering, AX Zhang, H Zhu, K Holstein

2025 **Agency Among Agents: Designing with Hypertextual Friction in the Algorithmic Web**
ACM Conference on Hypertext & Social Media (HT), Blue Sky Track
S Liu, SG Almeda
CRA CCC Blue Sky Award

Workshop Publications

2026 **Chasing RATs: Tracing Reading for and as Creative Activity**
Herding CATs @ CHI
S Liu, SG Almeda

2026 **Revisiting the Rabbit Hole: The Hypertextual Friction of Wikipedia**
Wiki Workshop
S Liu, SG Almeda

Honors, Awards, & Grants

2026 ACM C&C Best Paper Honorable Mention Award
2026 ACM CHI NSF CRA CISE REU Travel Grant ($1,200)
2026 ACM HT Travel Grant ($1,000)
2025 ACM HT CRA CCC Blue Sky Award ($500)
2025 ACM HT Travel Grant ($500)
2025 UC Berkeley EECS Evergreen Undergraduate Research Award ($350)
2025–2026 UC Berkeley EECS Honors Program
2024 & 2025 UC Berkeley EECS Grace Hopper Celebration Scholarship
2023–2026 Upsilon Pi Epsilon

Teaching Experience

2024–2026 **Head Teaching Assistant**, CS 61A: Structure and Interpretation of Computer Programs
2025 **Head Teaching Assistant**, CS 195/H195: Social Implications of Computer Technology

Guest Lectures

2025 **Cybernetics, Counterculture, and Cyberculture**, CS 195/H195, UC Berkeley

Academic Service

2026 Panel Chair, Future Perspectives, ACM Conference on Hypertext & Social Media (HT)
2026 Student Volunteer, ACM Conference on Human Factors in Computing Systems (CHI)
2025 Undergraduate Representative, EECS Faculty Search Committee, UC Berkeley
2025 Reviewer, New Interfaces for Musical Expression (NIME)
2025 Student Volunteer, ACM Conference on Hypertext & Social Media (HT)

Industry Experience

2026 **Intern**, Gigi
2024 **Software Developer Intern**, Federal Reserve Board
2023–2024 **Software Engineer Intern**, InClass