

Jiayi (Elise) Su

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EDUCATION

Northeastern University, Seattle, United States Expected May 2028
Master of Computer Science, Khoury College of Computer Science

Guangzhou Academy of Fine Arts, Guangdong, China Sep 2021 – May 2025
Bachelor of Industrial Design, Center for Intelligent Interaction Design

- GPA: 88/100, Ranked 1/29
- Core Course: 3D Representation (93/100), Design Mathematics (93/100), Design Physics (94/100), Design Psychology (91/100)

RESEARCH EXPERIENCE

University of Washington Mar 2026 – Present
Research Assistant

Northeastern University Sep 2025 – Present
Research Assistant (Advised by Dr. Dakuo Wang)

- **Early-Stage Research Design & Conceptual Framing (Multi-Agent LLMs):** Led the conceptual framing and study design of a researcher-centered investigation into multi-agent LLM experimentation for social-science research.
- **Literature Synthesis & Gap Identification:** Synthesized work across HCI, social science, and agent-based systems to articulate research gaps around researcher abstractions and workflow misalignment.
- **Study Planning & Methodological Design:** Developed research questions and a staged empirical pipeline (interviews, design probes, prototype probing) targeting CHI/CSCW venues.

University of Southern California June 2024 – Sep 2025
Research Assistant (Advised by Dr. Yao Du)

- **Design Team Research Leadership:** Led the design team in completing a prototype implementation and conducting user testing with speech therapists. Authored the design section of the Methods chapter for an article detailing the project. Cleaned up experimental data required for training models to assist clinicians in assigning tasks. Reviewed and synthesized prior work on Voice Assistive Technology in major revision to CSCW 2026.

City University of Hong Kong Aug 2023 – July 2024
Research Assistant (Advised by Dr. Ray LC)

- **Scholarly Contributions in Cultural Heritage and Generative AI:** Conducted literature review, authored the related work section, created scientific illustrations, and contributed to discussion for a CSCW-accepted paper.
- **Publication & Dissemination:** Co-authored two peer-reviewed papers on generative AI and cultural heritage, accepted at CSCW 2025 and ISEA 2025.

Tsinghua University Future Lab Nov 2023 – Dec 2023
Workshop Leader for Elderly User Experience

- **Workshop Leadership in Elderly Sports Product Design:** Organized workshops to investigate

elderly sports products and plan design timelines. Led the team in proposing design solutions using traditional Chinese music to boost sports engagement and maintain exercise habits, receiving positive feedback from workshop participants.

PUBLICATION

- He, Z.T., **Su, J.Y.**, Chen, L., Wang, T.Q., & LC, R. (2024). "I recall the past": Exploring How People Collaborate with Generative AI to Create Cultural Heritage Narratives. **2025 CSCW (Computer Supported Cooperative Work)**.
- Wu, R.S., Gong, C.L., Chen, L., **Su, J.Y.**, & LC, R. (2024). The Present in the Future is the Past: Applying Generative AI to Visualize and Imagine Cultural Heritage Sites in Both Augmented and Physical Reality. **2025 ISEA(International Symposium on Electronic Art)**.
- Du, Y., O'Connor, C., Vora, P., **Su, J.**, Song, L., Amrgousian, S., Byun, G., Kim, L.H., Zhao, J., McCoy, R., Yao, B., Wang, D., & Yuan, Y. (2025). LLM-Powered Personalization for Adults with Traumatic Brain Injury and Primary Progressive Aphasia: A Contextual Inquiry with Speech-Language Pathologists for Supporting an Alexa Telehealth Training. **2026 CSCW (Computer Supported Cooperative Work)**. (Major Revision).
- Li, Y., **Su, J.**, Sarcar, S., Chak, Y. H., Ren, X., & Zhan, Y. (2025). Review on Facilitating Revision Performance in Text-Related Interaction. *IJHCS (International Journal of Human-Computer Studies)*. (Manuscript in Preparation)

PROFESSIONAL EXPERIENCE

TCL

Apr 2025 –July 2025

User Experience Intern

- **Literature Review and Writing Support:** Compiled and synthesized research literature related to input interaction, and contributed to structuring academic writing.
- **User Testing & Data Collection:** Organized and conducted user tests on smart voice interaction with TVs, systematically gathering and analyzing test data.
- **Smart Agent Iteration:** Participated in the iterative adjustment of TCL's smart agent in collaboration with Google, supporting the refinement of product interaction experience.

Sohu

Jan 2024 – Mar 2024

Design Intern

- **Visual Design Support for Sohu Sports Department:** Provided comprehensive design support for Sohu's Sports Department, creating banners for programs, posters, and event banners like those for the Australian Open. Also generated visualized year-end reports for programs, leading to increased program and report engagement rate.

Goethe-Institute Korea, Hong Kong Arts Centre, VINCI 2024

Sep 2023 - Nov 2023

Artist

- **Cultural Heritage Preservation through Multimedia Art:** Curated and produced stories and comments obtained from research, developed a portfolio website, and crafted exhibition videos. Completed the artwork "Future Memories," contributing to the preservation exploration of Hong Kong's diminishing cultural heritage and its emotional ties. Expanded the reach of the work and recruited several tourists to participate in the project. The work was exhibited at Goethe-Institut Korea, Hong Kong Arts Center, and VINCI 2024.

SELECTED AWARDS AND HONORS

Northeastern University	2025-2028
Seattle Campus Scholarship	
Guangzhou Academy of Fine Arts	2023, 2022
Third-class Scholarship	
American High School Mathematical Modeling Contest	2019
Participation Award	
Middle School Mathematics Competition	Mar 2017
First Prize in the National (Top 50 in Guangdong province)	
The Mathematics League	Feb 2017
Honor Roll of Distinction	
"Hope Cup" Competition	2016
Second Prize	
The Mathematics League	Nov 2016
Certificate of Achievement (Top 50% globally)	

SKILLS

Language: English (TOEFL 93), Mandarin (Native)

Design:

- Graphic Design & UI/UX: Figma, Adobe Illustrator, Adobe Photoshop, Adobe XD, Adobe AE, Axure
- 3D Modeling: Rhino, Unity, Keyshot

Coding & Other Technical Skills: Python, Java, C, Arduino, Premiere Pro, Wordpress, SPSS