

LINGHANG CAI

South Campus
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EDUCATION

Tsinghua University, Academy of Arts and Design, Haidian, Beijing, China
(3.44 / 4.0) Bachelor of Art in Environmental Design, 2022

ArtCenter College of Design, Media Design Practice, Pasadena, Los Angeles
(3.89 / 4.0) Master of Fine Art, Computer Software and Media Application
Degree Expected June 2025

Relevant Courses: Artificial Intelligence, Physical Computing, Creative Technology

RESEARCHS

HCI Researcher, HCIX Summer Research, HKUST, City U HK, 2024

Supervisors: Can Liu, Tong Xin

Design and prototype an AI-assisted tool for progressive spatial design, focusing on novice user interactions and mental models through empirical studies.

Research Assistant, Art Center College of Design, IKEA, 2023

Supervisor: Ben Hooker

Conducted research and developed a 3D interactive website prototype using Three.js and JavaScript. The project featured four speculative future scenes, each exploring speculative spatial experiences.

PUBLICATION

Breaking the Midas Spell: Understanding Progressive Novice-AI Collaboration in Spatial Design. (draft submission to CHI 2025)

Zijun Wan, Jiawei Tang, Linghang Cai, Xin Tong, Can Liu

WORK EXPERIENCE

Lead UI/UX Designer, Arthus, UCLA Trustworthy AI Lab, 2024 – Present

Leading the design of a B2B platform using confidential computing and generative AI to help marketers securely clean, analyze, report, and collaborate on data.

Frontend Developer, SeeM (Startup from CMU), 2024

(Internship) Developed the frontend for a 2D online exhibition, allowing users to view and interact with artworks in a virtual museum-like environment. Implemented interactive features to enhance user engagement and ensure a seamless experience.

Interaction Designer, Tencent Technology, Pattern Recognition Department, 2023

(Internship) Designed interactive prototypes and visual designs for the AI chatbot Xiaowei and its website, in collaboration with the Tencent Pattern Recognition Department.

AWARDS & SCHOLARSHIPS

Graduate Scholarship, Art Center College of Design

Awarded for academic excellence in the Media Design Practices graduate program.