

Tingyu Hsiao (Bruce) | UX Designer

Bruce Hsiao

Portfolio

Bruce-hsiao.com

Contact Information

tingyu.hsiao@cca.edu
linkedin.com/in/tingyu-bruce-hsiao

Interests

Inclusive & generative design • Health Technology
• Product Defect Tracking • Service Design

Experience

ShelterTech • UX Researcher

Part Time · May 2023— Present

- Conducted interviews with case workers and social workers to inform the development of an efficient service-finding tool.
- Collaborated with the executive team and design professionals to explore and refine iterative design solutions.

Johnson & Johnson MedTech • UX/UI Design Co-op

Internship · Jan 2023 — May 2023

- Collaborated with in-office and remote designers to support high-profile surgical device projects at various stages of development, including ideation, content writing, validation, and defect tracking.
- Maintained and updated the Johnson & Johnson design system used across three medical devices.
- Significantly enhanced usability by leading the legibility test for a PSD(primary surgical display) assistant tool UI, ensuring compliance with [AAMI HE75](#) guidelines for medical use.
- Conducted usability research with 12 preclinical nurses on a surgical instrument, gathering qualitative and quantitative insights to inform design decisions and improve user experience.

Samsung Research America • Sponsored UX Researcher | Partnership Class

Sponsored Studio · Sep 2022 — Dec 2022

- Partnered with Samsung R&D team to research, design, and test 7 innovative user experiences aimed at creating a net-zero household through integrating smart home appliances.
- Facilitated 45 onsite qualitative research, 3 workshops, and synthesized over 300 surveys to validate the business feasibility and consumer needs of the design concepts.

Lenovo Beijing • Sponsored UX Designer | Partnership Class

Sponsored Studio · Sep 2022— Dec 2022

- Led and managed a team of 4 multidisciplinary designers to research, design, test, and pitch a series of innovative concepts in the context of the smart workplace.
- Designed and prototyped the digital experience of a smart AI meeting assistant product that transforms real-life meeting content into decision-making insights.

Walmart Global Tech • UI/UX Design Intern

Internship · May 2022 — Aug 2022

- Collaborated with the Enterprise Business Service UX Team to conceptualize, design, prototype, and test a Visitor Check-in tool that minimized health concerns and ensured corporate security.
- Managed, documented, and synthesized a 23-person usability study for the check-in app concept with Walmart visitors, vendors, and customers.
- Optimized the system's accessibility by incorporating [ADA Standards for Accessible Design](#).

Eden Social Welfare Foundation • Web Designer

Full-Time · Jan 2019—Sep 2019

- Sole visual designer, content creator, and manager of the Eden Social Welfare Official Website.
- Collaborated with the executive board director to develop a website that incorporates the best practices and insights from user research done with nurses and patients.

Education

California College of the Arts

B.F.A. in Human-Computer Interaction Design

Student Clubs: IXD Representative at CCA Student Council, Student Council Leadership Group

Relevant Courses: Design for Healthcare • Cognitive Science • Interaction Design • Design Strategy • Service Design • Lean Startup
• Content Writing Disciplines • Natural User Interaction Design • System Design • Design Theory & Ethics • Design Research

Skills

User Experience Design • Visual Design • Creative Problem-solving • Systems Thinking • User Research & Usability Testing • Design Systems (Component Library)
• Project Management • Critical Thinking • Storytelling • Wireframing & Prototyping • Healthcare Digital Product Design • Enterprise Business Service

Tools

Figma • Sketch • Adobe XD • Miro • Jira • Notion • Adobe Illustrator • Photoshop • Airtable • Indesign • Adobe Premiere • Java • Microsoft Office