

Tingyu Hsiao

UX Designer

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EDUCATION

Northeastern University

M.S. in Experience Design
Boston, MA
Sep 2024 - Present

California College of the

Arts

B.F.A. in Interaction Design
San Francisco, CA
Sep 2018 - 2023

COURSEWORK

Product Design & Realization •
Human Values in Design •
Design for Healthy Behaviors •
Designing Your Business •
Human Behavioral Design •
Social Psychology & Cognitive
Science • Storytelling Studio •
Systems Design • XR Design •
Computational Practice •
Prototyping • Programming
Abstractions • AI+Activism+Art
• Medical Ethics • Extended
Reality Design

SKILLS

user experience design •
design thinking • visual design
• interaction design • design
systems • project management
• product management •
participatory design •
co-design workshops •
information design •
enterprise business service
(B2B) • creative
problem-solving • systems
thinking • user research &
usability testing • agile • scrum
• 0→1 product development •
pitch decks • wireframing &
prototyping • 3D Printing & 3D
fabrication • healthcare digital
product design • storytelling

TOOLS

Figma • Sketch • Adobe
Creative Suite • Adobe XD •
Miro • Mural • Airtable • Jira •
Adobe Illustrator • Photoshop •
Fusion 360 • Onshape •
Webflow • Shopify •
Squarespace • Wordpress •
Java • Python • Unity • MAYA •
HTML/CSS • Microsoft Office

INTERESTS

diversity & ethics • inclusive
design • accessibility •
sustainability

EXPERIENCE

ShelterTech • UX Researcher & Designer

San Francisco, CA • May 2023—Nov 2024

- Conducted interviews with 6 caseworkers and social workers to inform the development of a service-finding tool for unhoused people in San Francisco.
- Collaborated with the executive team and web developers to explore and refine iterative design solutions.

Johnson & Johnson • UX/UI Designer, Experience Design & Human Factors Team

Blue Ash, OH • 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

Mountain View, CA • Sep 2022—Dec 2022

- Research, design, and test seven innovative user experience concepts, integrating smart home appliances to support net-zero household initiatives.
- Conducted 3 qualitative research sessions around the city and analyzed over 300 survey responses to validate the business feasibility and address consumer needs for the proposed designs.

Lenovo Beijing • Sponsored UX Designer

Remote, CA • 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

Bentonville, AR • 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

Taipei, Taiwan • Jan 2019—Sep 2019

- Sole visual designer, content creator, and manager of the Eden Social Welfare 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.

California College of the Arts Student Council • Leader in Diversity & Inclusion

San Francisco, CA • Sep 2020—May 2023

Organized events, workshops, and dialogues to address diversity and inclusion topics, creating a supportive and welcoming environment for students from all backgrounds.

California College of the Arts Student Council • Interaction Design Representative

San Francisco, CA • Sep 2020—May 2023

Acted as a liaison between the IxD department and the broader student council, ensuring effective communication and representation of departmental priorities.