

Ye Wei

Pittsburgh, PA | yewei@andrew.cmu.edu | 412-475-5675
Portfolio: <https://www.yewei-design.com>

EDUCATION

Carnegie Mellon University	Pittsburgh, PA
Master of Entertainment Technology	Expected May 2026
Shanghai Jiao Tong University	Shanghai, China
Master of Engineering in International Industrial Design Engineering	March 2024
Shanghai Jiao Tong University	Shanghai, China
Bachelor of Engineering in Industrial Design	June 2021

EXPERIENCE

Tsing Science	Beijing, China
UI/UX Designer Intern & Industrial Designer Intern	July 2023 - September 2023

- Designed and implemented 10 user interfaces in UI design.
- Iterated product design 10 times before production.
- Modeled and printed 3D models using SolidWorks and Blender.
- Designed user testing and animating interactions in Figma.
- Reviewed 20 papers, interviewed 10 visually impaired students and researched 10 competitive products.

Muse - Children Composing Software Design	Shanghai, China
UI/UX Designer	February 2022 - September 2022

- Led the design and development of the software, and won the third prize in the 7th China University Computer Competition.
- Designed 30 software interfaces in Figma, combining music theory, children's pedagogy, and illustration-style interfaces.
- Deconstructed music composition based on music theory and integrated it into the software design to match user perception.
- Created software framework diagrams based on extensive user research; created promotional videos in Adobe PR and AE.

Zhinan Tech	Shanghai, China
UI/UX Designer Intern	January 2021 - June 2021

- Completed research and produced a 30-page product requirement document for VR interface design, which was adopted by the company.
- Analyzed 41 UI design styles and proposed three UI styles that met the brand's needs.
- Used Figma to design a 10-page marketing platform UI proposal and presented it to the design director, designs were adopted after five iterations.

Shanghai Baosight Software Co.,Ltd.	Shanghai, China
Automation Design Intern	June 2020 - August 2020

- Designed animations of an industrial steel production line, which were put into use in the steel plant's management platform.
- Wrote code to animate the mechanical operations of manufacturing transportation belts and rollers in an industrial line.
- Collaborated with the development department and partner companies to refine the factory framework and interactive 3D animation.
- Optimized enterprise development platform by fixing issues within the development platform.

PROJECTS

Research on Brand Innovation and Consumer Purchase Intentions	March 2023 - August 2023
--	--------------------------

- Assisted in writing a paper, that was accepted and published by the *Journal of Consumer Behavior* (SSCI).
- Researched China's smartphone market, wrote papers on background content.
- Produced experimental questionnaires and analyzed data from 220 user questionnaires.
- Processed questionnaire data and created statistical data tables.

Research on the aging of intelligent kitchen appliances for the elderly	September 2022 - March 2023
--	-----------------------------

- Published a paper as first author in *Industrial & Engineering Design* (2023).
- Designed a smart cooktop using Blender, designed and 5 main interaction interfaces using Figma.
- Analyzed the development of smart homes and prioritized needs of elderly users through literature review and competitor analysis.
- Identified pain points of elderly users in using smart products through desktop research and user interviews.

SKILLS

Skills: **Figma**, Excel, PowerPoint, Word, Blender, KeyShot, Photoshop, Html, CSS, JavaScript
Language: English, Mandarin