

Education

ArtCenter College of Design

Pasadena, CA
Product Design, Bachelor of Science
Expected Graduation: December 2026

Skills

Software

Illustrator, Photoshop, Indesign, Procreate, Figma, CAD Software: Solidworks, Keyshot, Blender

Design

Productive and Accessible User
Experience Research, Engineering
Research, Brand Identity, Concept
Development, Mind Mapping, Aesthetic
Design, Problem Solving, Team
Collaboration, Product Testing, Fast
Prototyping, User Interface (UI)Design,
Eye for Details, Graphic Design, Open
Design in Diversity, Design as a Team,
Quick Ideas, Passionate of Providing Clear
Visual Communication, Test Design, Reinvent Previous Design, Hardware Design

Prototype

Quick Mockups Making, Bandsaw, Tablesaw, Spindle Sander, Disc Sander, Wood Lathe, Drill Press, Router, Vacuum Form, Mill, Professional 3D Printing: FDM and SLA, Laser Cutting, Sewing Skills, 3-Axis CNC, Paint Spraying

Language

Mandarin (Native) English (Fluent)

Recognition

ArtCenter Gallery

Spring 2024 / Product Design 3 Smart Station

Fall 2023 / 3D Modeling 2 Warhammer Moka Express

Contact

www.zwangdesign.com jacktouare9@gmail.com 1-626 376 6971

Experience

GTSP Internship

September-December 2024

California, Los Angeles

- Collaborated with the design team to design the PDF layout for the project "Princess Lily Enchanted Mirror"
- Collaborated with design teams to redesign the "Princess Lily Enchanted Mirror."; Utilized Solidworks and Keyshot to refine the model
- Use the FDM and SLA 3D printer to print the mirror's prototypes to test the internal structure

Academic Projects

Bentley Rotatable Gondola, Spring 2025

Design Lab 1

- Created a brand book with classmates of Bentley to analyze its history, brand philosophy, design languages, market products, and collaboration
- Carried out research about the rotatable gondola market's competitive products, design components, and targeted users
- Created different design iterations with Bentley's iconic design elements of the gondola's main forms and details
- Used Solidworks, Rhinoceros 3D, Keyshot, and Photoshop to design the final rotatable gondola

Nike Inflatable Floating Device, Summer 2024 Product Design 4

- Developed different versions of ideas after solid research based on business, manufacturing methods information and scientists' articles
- Designed an inflatable floating device for a family snorkeling experience
- Used Solidworks and Keyshot to follow the brand's goals of providing better sports equipment for consumers

Eunoa Smart Station, Spring 2024

Product Design 3

- Designed a smart station that included a smart ring and a smart station for teenagers with depressive disorder to stabilize their moods
- Carried out the second-handed research, user experience research, and communicated with engineering experts
- Used CAD software Solidworks modeling and Keyshot rendering to help teenagers with dispressive disorder acquire more comfortable daily experience
- Used 3D printing machine to print models and paint them