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Yuanhao (Jasper) Chen

Industrial Designer

About Me

I'm an industrial designer who loves solving real user problems. I use research, CAD, quick prototypes, and CMF to turn ideas into clear, buildable products. My work covers consumer electronics, outdoor gear, and music tools. I care about ease of use, solid details, and a consistent brand look.

Education

Auburn University

2016-2022
Bachelor of Industrial Design

Artcenter College of Design

2023-2025
Master of science Industrial Design

Skills

Adobe Software

SolidWorks

Rhino

Fusion 360

Keyshot

Wood/Metal Working

Digital/Hand Sketching

3D Printing

Sewing

Languages

English

Chinese

Intern

● PlayCore | Industrial Designer

Auburn, AL | Dec 2022- May 2023

- Collaborated with design and engineering teams to develop inclusive playground systems.
- Contributed CAD modeling, prototyping, and user research to improve accessibility and engagement.

● Harman | Digital Art

Shenzhen, China | Jan 2025- Apr 2025

- Created high-quality product renderings for packaging design and marketing materials.
- Collaborated with design and branding teams to visualize product aesthetics and ensure consistency with brand identity.

Sponsored Projects

● Old Majestic Future Studio | Collaborative Sponsored

Mobile, AL | Fall 2021

- Design a natural gas fire pit for the bar that can accommodate multiple people and has social attributes
- Delivered a working full-size fire pit and outdoor furniture enhancing communal interaction.

● Shellfish Laboratory (AUSL) and Silver Ships Inc. Future Studio | Collaborative Sponsored

Mobile, AL | Fall 2021

- Researched oyster farming operations and developed improved boat concepts.
- Built a 1:12 scale prototype and a full-scale deck model to validate usability.

● PlayCore Studio | Collaborative Sponsored

Auburn, AL | Fall 2022

- Designed inclusive playground equipment for children with disabilities and multi-generational play.
- Produced a 1:12 3D-printed model to test accessibility and interaction.

● Gibson Challenge | Collaborative Sponsored

Auburn, AL | Fall 2023

- Hand-built functional electric guitars integrating design innovation and craftsmanship.
- Exhibited guitars publicly, receiving feedback from professional musicians.

Honor

● Auburn University Dean's List 2022 Spring

● Gibson Challenge — 2nd Place, Fall 2023

● Artcenter College of Design 2024 The Innovation Award of Formula E