

FRANK XU



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Pasadena, California

Education

ArtCenter College of Design in Pasadena, Sept 2023-Spring 2027.
Bachelor of Science, Product Design

Experience

ArtCenter College of Design. May 2026–Aug 2026

Graduate Student Teaching Assistant

- Supported students with 3D project development and design feedback.
- Taught AI tools for ideation, visualization, and project presentation.

Ningbo Syloon Import & Export Co., Ltd. June 2024-July 2024.

Product Designer

- Designed insulated bottles and mugs emphasizing ergonomic forms and CMF strategies.
- Built 3D CAD models and collaborated with engineers to optimize structure for manufacturability and cost.

Projects

BMW × Tecnica Ski Boots — Product Design 4, Spring 2025

- Designed performance-oriented ski boots inspired by BMW M aesthetics and Tecnica engineering.
- Focused on ergonomic fit, carbon-fiber structure, and precision BOA closure system for enhanced control.
- Developed 3D CAD models and CMF proposals integrating brand identity with functional design.

Aston Martin Digital Watch — 3D Modeling 2, Spring 2025

- Created a luxury smart watch concept embodying Aston Martin's craftsmanship and performance DNA.
- Explored performance materials such as carbon fiber, titanium, and Nappa leather to express refined minimalism.
- Designed an aerodynamic case form inspired by Aston Martin's vehicle silhouettes.

Audi Go-Kart — Race Kart, Summer 2025

- Built a full-scale foam and plywood chassis prototype exploring lightweight structural strategies.
- Visualized concept with CAD modeling to communicate performance and aesthetic balance.

Skills

Design & Communication

- 3D Modeling, CMF Development, User Research, Usability Testing, Ergonomic Studies
- Prototyping: CNC, 3D Printing, Handcrafting, Laser Cutting
- Team Collaboration, Storytelling, Visual Presentation, Cross-functional Communication

Software

- SolidWorks, Rhino, KeyShot
- Adobe: Photoshop, Illustrator, InDesign, Premiere Pro, After Effects
- AI Tools: Vizcom, Midjourney, NanoBanana, Google Veo, ChatGPT, Seedance
- Figma, Miro, Slack, Zoom, Discord
- Word, PowerPoint, Excel

Languages

English (Fluent) / Chinese (Native) / German (Beginner)