

Ranqing

Ranqing Li Industrial Design Graduate Student

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Skills

Design & Research

Qualitative User Research | In-depth Interviews | Contextual Inquiry

Ethnographic Observation

Persona Development | User Journey Mapping

Opportunity Mapping | Insight Synthesis

Concept Framing | Problem Definition

Systems Thinking

Constraint Analysis

CMF Strategy | Material Exploration

Design for Sustainability | Material Efficiency | Lifecycle Awareness

Usability Testing & Iterative Validation

Market & Brand Positioning Analysis

Prototyping & Manufacturing

Foam Modeling | Ergonomic Testing | Form Studies

3D Printing (FDM | SLA) | Rapid Iteration | Fit Testing

CNC Milling (Wood | Plastics)

Laser Cutting & Assembly Prototyping

Soft Goods Construction | Pattern Testing

Arduino Integration | Hardware Prototyping

DFM | Tolerance Awareness | Assembly Planning

Additive & Subtractive Process Understanding

Injection Molding | Die Casting | Sheet Metal Fundamentals

Digital Tools

Advanced Surface Modeling (Rhino | SolidWorks)

Parametric Modeling | Assembly Management

KeyShot Visualization

Technical Drawings & Documentation

Adobe Creative Suite (Photoshop | Illustrator | InDesign | After Effects)

Figma (UI Prototyping | Interface Layout)

Blender (Soft Goods Visualization)

Generative AI Integration for Concept Development

Language

English (Fluent)

Mandarin (Native)

Education

Art Center College of Design

Sep/2024 - Present

MS in Industrial Design, anticipated Dec. 2026

Tsinghua University, Academy of Arts & Design

Sep/2020-Jul/2024

BFA in Product Design

GPA: 3.89/4.0

Experience

Graduate Teaching Assistant, ACCD

Jan/2026 - Apr/2026

Supported studio critiques and advanced Rhino workflow development; mentored students on surface modeling, tolerance thinking, and production feasibility.

Bamboo Material Innovation Research, THU

Oct/2022 - Feb/2023

Researched bamboo material properties and processing methods; designed an adjustable-height chair leveraging material constraints. Project recognized in National Innovative Bamboo Competition.

Product Development Lead,

Oct/2021 - June/2024

THU Animal Welfare Association

Led end-to-end development of IP-based merchandise; guided product design direction and team output; coordinated external manufacturers on material selection, sampling iterations, cost alignment, and production timelines.

Recognition

Awards

Gold Awards, iCAD International Design Competition, 2023

Second Prize, Beijing College Students Industrial Design Competition, 2023

Bronze Award, Future Food +86 International Design Competition, 2022

First Prize, Hong Kong Digital Art & Design Competition, 2022

Scholarships

ArtCenter Grad Scholarship, ACCD, 2024-2026

Duane and Betty Bohnstedt Endowed Scholarship, ACCD, 2025

Science and Technology Innovation Excellence Scholarship, THU, 2023

Outstanding Social Work Scholarship, THU, 2022 and 2023

Outstanding Volunteer Public Welfare Scholarship, THU, 2021 and 2022

Comprehensive Excellence Scholarship, THU, 2021