

# Ranqing

## Ranqing Li Industrial Designer

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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

Hand Sketching & Rendering | Concept Ideation

CMF Strategy | Material Exploration

Design for Sustainability | Material Efficiency

Usability Testing & Iterative Validation

Visual Communication & Storytelling

Market & Brand Positioning Analysis

### Prototyping & Manufacturing

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

Foam Modeling | Ergonomic Testing | Form Studies

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

SolidWorks | Rhino | Advanced Surface Modeling

KeyShot Visualization

Adobe Creative Suite (Photoshop | Illustrator | InDesign)

Technical Drawings & Documentation

Figma (UI Prototyping | Interface Layout)

Blender (Soft Goods Modeling & Visualization)

Generative AI Tools

## 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 mentored students on sketching ideation, Rhino / SolidWorks surface modeling, tolerance thinking, and production feasibility.

### Product Development Lead,

Oct/2021 - June/2024

#### THU Animal Welfare Association

Led end-to-end development of 10+ IP-based consumer merchandise; conducted trend research and consumer insight analysis to guide brand direction; coordinated cross-functional teams and external manufacturers across print, textile, and small-scale plastic production on sampling, cost alignment, and production timelines.

### Bamboo Material Innovation Research, THU

Oct/2022 - Feb/2023

Researched bamboo material properties and structural behavior; designed an adjustable-height chair based on material constraints and sustainability considerations; built and tested functional prototypes. Project recognized in the National Innovative Bamboo Competition.

## 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