

Audrey Ji

Industrial Designer

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Education

Brown University & Rhode Island School of Design (RISD) — *Master of Arts in Design Engineering (MADE)*

Providence, RI | June 2024-June 2025

- _ Awarded School of Engineering's Master's Outstanding Senior Teaching Assistant Award
- _ Focused on interdisciplinary collaboration, speculative future innovations, design research, and user-centered design for physical products and digital systems.

Pratt Institute — *Bachelor of Industrial Design (BID)*

Brooklyn, NY | 2018-2022

- _ GPA: 3.74 | Graduated with Honors | Merit Scholarship Recipient | Minor in Sustainable Studies
- _ Built a multidisciplinary design foundation spanning spatial, experiential, and product design, supported by hands-on prototyping across digital and physical products.

Relevant Work Experience

Disney — *Marvel Product Design Intern*

Glendale, CA | June 2022 - June 2023

- _ Designed toys and product concepts for Marvel IPs (Spider-Man, Iron Man, Black Panther), creating sketches, presentation decks and deco guides to communicate storytelling and design strategy.
- _ Collaborated with cross-functional teams to align products with trend insights and category growth while managing multiple projects under tight timelines.

Dashiji Innovations — *Product Development Freelance*

San Jose, CA | January 2020 -2025

- _ Developed headphone components with focus on CMF and manufacturability
- _ Refined CAD models in SolidWorks, prototyped with 3D printing, and delivered visual assets to support R&D through to mass production.

Selected Projects

CORO — *Accessibility-focused Haptic Wearable for Group Fitness*

- _ Engineered an *accessibility-focused haptic wearable* with optimized vibration feedback for synchronous fitness classes.
- _ Advanced UX research, electronics, and prototyping in collaboration with an Interaction Designer and Computer Engineer to *enhance Deaf/hard of hearing experiences*.

Lay-Z Projector — *Comfort-Focused In-Bed Viewing Concept*

- _ Optimized a compact, ergonomic projector for in-bed media viewing; emphasized *portability, user comfort, and intuitive adjustability* to support relaxed, posture-friendly use.

Desktop Management Stand — *Modular Workspace System*

- _ Built a clamp-mounted *modular stand system enabling customizable attachments* for monitors, lighting, and accessories; focused on ergonomic flexibility and efficient use of workspace through *mechanical design* exploration and prototyping.

Skills

3-D Tools — 3D-Modeling (SolidWorks, KeyShot Rendering), Digital Sculpting

Design Tools — Adobe Creative Suite (InDesign, Photoshop, Illustrator, Premiere), Figma, Miro

Prototyping — 3D Printing (FDM, SLA), Laser Cutting, Mold-Making, Rapid & High-Fidelity Prototyping

Visual Communication — Presentations, Product Photography, Design Sheets, Sketching

Manufacturing Needs — Tooling Constraints, Design for Mass Production, CMF

Fluent Languages — English, Mandarin Chinese