AUDREY JI

Industrial Designer | Design Engineer

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A multidisciplinary designer with expertise in design engineering and industrial design, driven to create user-centered products that inspire connection and innovation, dedicated to solutions that resonate with diverse audiences.

RELEVANT EXPERIENCE

Disney | Marvel Entertainment, Product Designer
Glendale, CA | June 2022 - June 2023

- Independently managed design projects simultaneously, ensuring quality execution under tight deadlines as an intern..
- Conceptualized and designed innovative toys and themed products for Marvel's iconic IPs (*Spider-Man*, *Iron Man*, *Black Panther etc.*), tailored to diverse audiences.
- Developed sketches, design sheets, and visual references, following brand guidelines and character licensing requirements.
- Collaborated with senior designers and cross-functional teams to deliver compelling concepts that aligned with consumer insights and market trends.
- Hands-on experience with the entire product development cycle, from ideation to production.

Dashiji Innovations, Product Development Freelance
San Jose, CA | January 2020 -2023 (project-by project basis)

- Designed headphone adjustments, earbud concepts, and CMF (Color, Material, Finish) solutions with a focus on manufacturability and tooling constraints.
- Engineered CAD models using SolidWorks for prototyping, leveraging 3D printing to test and refine designs.
- Produced high-quality renderings and collaborated with the project manager to align designs with production needs
- Maintained ongoing communication with the company to ensure a smooth development through to mass production.

Brown University, Project Manager & Senior Teaching Assistant
Providence, RI | January 2025-Current

- **Master's Outstanding Teaching Assistant Award**
- Led and designed mini-modular workshops for a design engineering course.
- Managed logistics, including inventory, supply orders, and documentation in Google Sheets.
- Collaborated with faculty to refine course structure in line with updated objectives.
- Supported student projects with guidance on design processes and prototyping techniques.
- Coordinated asset collection, installation development, and video programming.

EDUCATION

Brown University & Rhode Island School of Design (RISD), Master's of Arts in Design Engineering (MADE)
Providence, RI | June 2024-June 2025 (Expected)

- Relevant Coursework: Design Research, User-Research, User Experience Design, Design of Mechanical Assemblies, Design Thinking, Interactive Design, Business Principles, Systems Design, Game Design, UI/UX Design, AR/VR

Pratt Institute, Bachelor's of Industrial Design (BID)
Brooklyn, NY | 2018-2022

- GPA: 3.74 | **Graduated with Honors** | **Merit Scholarship Recipient** | Minor in Sustainable Studies
- Relevant Coursework: Consumer Product Design, Toy Design, UI/UX Design, Exhibition Design, Food Design, Form Design, Home Decor Design, SolidWorks Design Engineering, Medical Prototypes, Environmental Psychology, Ceramics, Jewelry

SKILLS

Technical Tools: SolidWorks (CAD), KeyShot (Rendering), Adobe Creative Suite (Photoshop, Illustrator, InDesign, etc.), Figma.
Prototyping: rapid-prototyping (from paper to pink foam, high-fidelity prototypes), traditional crafting (wood, ceramics, leather, metals etc...), 3D printing, CNC machining, laser cutting, mold-making, .
User Research: Ergonomics, user interviews, behavioral research, data analysis/synthesis, usability testing, journey mapping.
Visual Communication: Product photography, design sheets, presentations, sketching, branding.
Mechanical & Electrical Integration: Understanding of mechanical systems and electronics.
Design Methodologies: Design thinking, user-centered design, prototyping, UI/UX wireframing.
Manufacturing Processes: Tooling constraints, CMF, design for mass production.
Project Management: Task management, multidisciplinary /cross functional collaboration.
Languages: English, Mandarin Chinese.