

ANDREW WONG

Designer

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About Me

User-centered industrial designer with a background in psychology and hands-on fabrication. Experienced in design research, rapid prototyping, and translating user insights into functional and emotionally meaningful products.

Education

The Ohio State University

Columbus, Ohio

BS in Industrial Design | Expected 2027

BS in Psychology | 2021

Leadership

Vice President, IDSA OSU Chapter

Skills

Design

- Human Centered Design
- Design Strategy & Problem Framing
- Concept Development & Systems Thinking
- User Needs Analysis (Emotional + Functional)
- Spatial & Experiential Design

Research

- Qualitative & Quantitative User Research
- Insight Synthesis & Behavioral Design
- Usability Testing

Technical

- Parametric CAD (Solidworks, Fusion 360)
- Rendering (KeyShot)
- Adobe Creative Suite (Ps, Ai, Id, Lr, Pp)
- Figma & ArcGIS Storymaps

Prototyping & Fabrication

- Low- to High-Fidelity Prototyping
- Material Exploration & Testing
- Woodshop & Digital fabrication (CNC, laser cutting, 3D printing)

Communication

- Visual Storytelling
- Cross-Functional Collaboration
- Stakeholder & Client Communication

Experience

Marble Plastics — Industrial Design and Manufacturing Intern

Columbus, OH | May 2026 - Present

- Manufactured recycled plastic sheet products through material preparation, processing, finishing, and quality control operations
- Supported prototyping and custom fabrication projects using recycled plastic sheet stock
- Collaborated with production and design teams to evaluate and improve manufacturability of products made from recycled plastic sheet materials

Neighborhood Design Center — Design Intern

Columbus, OH | August 2025 - Present

- Led design and coordination for Year in Review website to improve storytelling and community engagement.
- Mentored students throughout the design process, guiding research, concept development, and creative problem solving
- Developed and facilitated Industrial Design curriculum for the Youth CoLab program, teaching design thinking, ideation, and prototyping through hands-on workshops
- Selected for a continued internship position following completion of an externship partnership, recognizing contributions to community-centered design and youth engagement initiatives

Urban Arts Space — Design Intern

Columbus, OH | January 2025 - Present

- Led design and coordination for Hip Hop Literacies Conference website redesign and promotional material development.
- Collaborated with artists to translate creative vision into cohesive exhibition experiences
- Supported installation design and spatial planning to enhance visitor engagement

Nationwide Children's Hospital — Mental Health Specialist

Columbus, OH | January 2022 - August 2023

- Collaborated on an interdisciplinary team to develop, implement and revise treatment plans for children (ages 10-18) with behavioral and suicidal tendencies.
- Led teams across multiple shifts, ensuring safety and care protocol adherence.
- Built strong patient relationships, providing support and problem-solving solutions for evolving challenges, goals, and safety risks.
- Trained new employees on care techniques, protocols, equipment use, and daily operational tasks.