

SARAH ANDRUS

Industrial Designer | Prototype & Model Maker

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Portfolio: sarahandrusdesign.com

SUMMARY

Industrial designer with hands-on experience in model making, rapid prototyping, CAD, and fabrication, with a passion for bringing ideas to life through thoughtful craftsmanship. Combines technical problem-solving with strong interpersonal skills, collaborating effectively with cross-functional teams to deliver meaningful results with precision.

EXPERIENCE

May 2024 - June 2026
Mankato, MN

FOCUS Campus Missionary

- Cold called prospective donors, raising \$80,000 in six weeks while cultivating and maintaining relationships with 50+ donors through monthly communication.
- Designed graphics and interactive experiences for the SEEK national conference of 18,000+ attendees.

Jan. 2023 - April 2023
& Sep. 2023 - Dec. 2023
Cincinnati, OH

Procter & Gamble Industrial Design Intern

- Collaborated with cross-functional teams in weekly project meetings, led brainstorms of 20+ people, presented concepts, and integrated consumer feedback.
- Developed consumer product concepts through iterative prototyping, CAD models, and prototype-ready designs in SolidWorks, Fusion 360, and Keyshot.
- Built functional packaging prototypes and 3D printed scale models while designing components with manufacturability, fabrication methods, and prototype construction in mind.
- Contributed to front-end innovation for consumer products, technology, and packaging through early-stage concept development.

May 2022 - Aug. 2022
Cincinnati, OH

School Outfitters Industrial Design Intern

- Sketched and developed furniture design concepts based on user research, market trends, and project briefs.
- Collaborated in three-week ideation sprint cycles to deliver 20+ new product opportunities for internal review.
- Generated ideation sketches and CAD models to explore form, function, and manufacturability.

Aug. 2021 - Dec. 2021
Cincinnati, OH

1819 Makerspace Prototyping Lab Assistant

- Supported daily operation, troubleshooting, and maintenance of 3D printers, laser cutters, vacuum forming equipment, and fabrication tools.
- Guided users through rapid prototyping processes using additive manufacturing, woodworking, electronics, and fabrication techniques.
- Designed and fabricated a custom wood storage system for laser cutter materials using shop equipment.
- Developed and taught a rapid prototyping workshop covering laser cutting, 3D printing, electronics, and prototype fabrication.

EDUCATION

Aug. 2019 - April 2024
Cincinnati, OH

Bachelor of Science in Industrial Design University of Cincinnati | DAAP

Summa Cum Laude | Class of 2024

SKILLS

- Adobe Creative Suite
- Solidworks
- Fusion 360
- Keyshot
- Wood & Metal Work
- 3D Printing
- Laser Cutting
- Freehand Sketching
- Concept Development
- Storytelling