Sarah Andrus

Industrial Designer

Contact Info

- 527 S. 5th Street Mankato, MN 56001
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Education

Universtiy of Cincinnati, DAAP

Bachelor of Science in Industrial Design
Sumo Cum Laude | *Class of 2024*

Skills

Design & Prototyping

Sketch Ideation
Concept Development
User-Centered Design
Storytelling
Model Making
Rapid Prototyping

CAD & 3D Modeling

SolidWorks
Autodesk Fusion 360
KeyShot
Blender
TinkerCAD

Fabrication & Shop Tools

3D Printing
Laser Cutting
Woodworking
Vacuum Forming
Sewing
Electronics
Arduino Circuiting

Graphic & Visual Design

Adobe Photoshop
Adobe Illustrator
Adobe InDesign
Procreate
Sketchbook Pro
Figma
Canva

Collaboration & Tools

Microsoft Office
Airtable
Cross-Functional Collaboration
Presentation & Communication

Work Experience

FOCUS | Campus Missionary

May 2024 - Present

- Coordinated travel logistics for 75+ students to attend the SEEK conference, managing schedules, communication, and on-site execution.
- Designed visual materials for students to educate and inspire them in their faith. Designed graphics and interactive experiences for SEEK conference.
- Led 14+ women in one-on-one faith mentorship, fostering personal growth, accountability, and leadership development. Facilitated three weekly Bible studies, leading discussions for diverse student groups.
- Oversaw and supported 30+ students across multiple student-led groups, providing guidance and organizational structure.

Procter & Gamble | Industrial Design Intern

January 2023 - April 2023 & September 2023 - December 2023

- Contributed to front-end innovation for consumer products, technology, and packaging through early-stage concept development.
- Collaborated with cross-functional teams in weekly project meetings, presenting concepts and integrating consumer feedback.
- Developed CAD models and visualizations using SolidWorks, Fusion 360, and KeyShot to communicate form, function, and user experience.
- Applied manufacturing best practices to design decisions, ensuring feasibility and alignment with production constraints.
- Iterated designs based on continuous feedback from designers, engineers, and managers.

School Outfitters | Industrial Design Intern

May 2022 - August 2022

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

1819 Makerspace | Prototyping Lab Assistant

August 2021 - December 2021

- Assisted makerspace members with 3D printing, laser cutting, sewing, electronics, and vacuum forming.
- Trained in woodshop fabrication to design and build a custom display and storage shelf for laser cutter materials.
- Designed and led a no-experience prototyping workshop introducing laser cutting, 3D printing, and electronics fundamentals.
- Supported rapid prototyping workflows by troubleshooting equipment.

Magnified Giving | Graphic Design Intern

August 2021 - December 2021

- Designed promotional graphics, flyers, and event materials using Canva for nonprofit initiatives.
- Collaborated with team members to ensure brand consistency across digital and print materials.