



Mitchell Flitcraft

Industrial Designer

Contact

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Webiste

<https://flitcrmr.wixsite.com/website>

Education - Graduated 2024

Bachelor of Science in Industrial Design

University of Cincinnati

College of Design, Art, Architecture,
and Planning (DAAP)

3.57 GPA

Skills

- User Experience Design
- Design for Manufacturability
- Sustainable Design
- Shop Experience
- Adobe Photoshop, Illustrator, InDesign, XD, and Acrobat
- CAD (Fusion 360)
- Sketching and Drafting
- Prototyping
- Problem Solving

Experience

LakeShore Cryotronics

575 McCorkle Blvd., Columbus OH

Aug. 2021 - Dec. 2023

Industrial Design Intern

Worked on the design, development, and marketing of several product launches across three years and four internships.

Iterated on multiple designs for a vibration isolated enclosure for a recirculating gas cooling system. Later validated the design using a vibration testing procedure involving python fourier transformation to interpret laser measurements.

Modernized the company's user interface design process and software by bringing Adobe XD into use, augmenting the existing C-more system. This allowed for greatly improved design flow and aesthetic potential.

Researched and hired a major supplier after unexpected supply chain delays forced a rapid change in ongoing design.

Utilized Adobe Illustrator and Photoshop to create a customer graphics package that was pitched to and approved by company leadership.

Worked collaboratively in cross disciplinary settings between R&D, Marketing, and Project Managing departments to improve designs and processes associated with bringing new products to market.

References

Eric King

Mechanical Engineer
LakeShore Cryotronics

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Dana Schoenleb

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Upper Arlington Shop Dept.

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