

Leah Ranney

Columbus, OH

EDUCATION

University of Cincinnati, Cincinnati, OH

Bachelor of Science, Major in Electrical Engineering, Minor in Marketing

Expected Graduation: Spring 2023

GPA: 3.6/4.0

- Cincinnati Scholarship Recipient
- Dean's List, Fall 2019 through Fall 2021

WORK EXPERIENCE

Fuel Cell Design Release Engineer - General Motors, Pontiac, MI

May 2021 - August 2021

- Advanced the root cause of 6 issues involving PCB insertion force, signals, and loose components.
- Reduced the cost of ordering fuses and relays by \$780.
- Documented the low voltage harness layout and connectors using MS Visio, Siemens Teamcenter, and NX.
- Approved 16 parts for the beta production of the Fuel Cell Power Cube.

Electrical Quality Engineer - General Motors Flint Assembly, Flint, MI

June 2020 - August 2020

- Interpreted GM exclusive database information to track new parts passing quality check points.
- Utilized the GM problem solving tool, RedX, to root cause ergonomic issues during an isolated case.
- Conducted part trial runs of the video program module and antenna installation into the GMC and Chevrolet Heavy Duty trucks.
- Participated in the installation of 16 pilot chassis harnesses for the 2021-year model.
- Oversaw the resolution of six high-priority issues in electrical quality by reviewing standardized work and communicating with suppliers.

Peer Teaching Assistant - CEAS, University of Cincinnati, Cincinnati, OH

August 2019 - October 2020

- Assisted in feedback of the pilot course, Introduction to Engineering.
- Mentored a group of 20 students through educational support and professional development.
- Reviewed 50-70 student submissions with consistency and a holistic approach.

SKILLS

- | | | |
|----------------|---------------------------------|---------------------|
| • Logic Design | • MATLAB | • Python |
| • Multisim | • Visual Basic for Applications | • LabVIEW |
| • Logisim | • C++ | • Technical Writing |
| • Adobe XD | | • Six Sigma Yellow |

ACTIVITIES

RevolutionUC 24-Hour Hackathon

February 2020

- Developed UI using Adobe XD for a mobile app to connect users to local businesses.

Ambassador, CEAS Ambassadors

February 2020 - Present

- Engages with perspective students, current students, alumni, and faculty through tours, Q&A panels, and special events.

Member, IEEE, Cincinnati, OH

October 2019 – Present

- Previously served as Vice President and Logistics Lead for the 24-Hour Hackathon.
- Recipient of the IEEE Cincinnati Scholarship, Fall 2020.

Member, Theta Tau

September 2019 - Present

- Co-ed professional engineering fraternity.
- Previously served as Vice President, Scribe, and Pledge Trainer executive officer.

Member, Society of Women Engineers, Cincinnati, OH

September 2018 – Present

- Nomination Committee for 2021-2022 Officers.

Cafe Assistant and Roaster Volunteer, The 86 Uptown, Cincinnati, OH

January 2019 - Present

- Serves the community through a non-profit organization.