

Michael Cercone

Electrical Engineering Student

Contact



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Education

October 2023 - Present

Kettering University (Flint, MI)

- Sophomore (B section)
- Seeking CO-OP for January - March & July - September

September 2019 - May 2023

Salem High School (Canton, MI)

- GPA 3.95/4.1W
- AP Courses: BC Calculus, Biology, Macroeconomics, Microeconomics, US Government

Skills

- Fast Learner
- Considerable experience with electronics and technology
- Experienced with through-hole soldering and familiar with SMD soldering
- Skilled leader & highly capable under stressful situations
- Intermediate experience with Autodesk Inventor Professional & introductory experience with PCB design
- Proficient in HTML, CSS/SCSS, Javascript, Typescript/NodeJs, VueJS/NuxtJS 3 framework, Git, and Jira.
- Experience with Python, C++, Java, Docker, Linux, Bash, Proxmox, and Electron
- Adept in MS Office / Google Docs suite

Profile

I'm a hardworking and fast-learning individual with many skills and talents that make me uniquely qualified to be a part of your team. I'm experienced in devising plans and conducting research when required, as well as in a variety of other technical skills. I'm confident I will fit in well at your organization and make an excellent contribution to your business.

Professional & Leadership Experience

June 2021 - August 2021;
July 2022 - August 2022

Canton, MI

Warehousing and Logistics at Fraza

- Received parts shipments
- Inventoried and stocked shipments
- Re-stocked van inventory
- Pulled inventory as required by technicians

Member: September 2019 - June 2023;
Lead: June 2022 - June 2023

Canton, MI

Electrical Subgroup Lead at Lightning Robotics (First Robotics)

- Draft schematics/wiring diagrams for complex robots and equipment
- Test electronics components and hardware
- Cut and terminate cables and wire harnesses
- Wire components together and test mechanisms
- Manage upwards of 30+ team members
- Devise complex design plans for systems
- Delegate tasks to different members
- Manage many large and intricate projects

January 2022 - June 2023

Canton, MI

Pit Manager at Lightning Robotics (First Robotics)

- Managed a Pit Crew of 16 students
- Repair any damages caused to the robot in a tight time frame
- Improvise many engineering solutions
- Monitor and act on any wear or damage

Awards and Honors

- Principal's Award - 2023
- President's Award - 2023
- AP Scholar Award - 2022/2023
- FIRST Robotics Competition World Championship Division Quarter-Finalist - 2022
- FIRST Robotics Competition Macomb District Industrial Design Award winner - 2022
- FIRST Robotics Competition Milford District Winner - 2022
- FIRST Robotics Competition Jackson District Winner - 2020
- President's Award - 2018