

## **Education**

**University of Michigan** Ann Arbor, MI

Aug 2021 - Present

BSE Electrical Engineering, Minor in Computer Science

GPA: 3.965/4.0

Relevant Courses: Data Structures and Algorithms, Discrete Math, Foundations of Computer Science, Signals and Systems, Electrical Engineering Systems Design I, Engineering Electromagnetics

University Honors 2021, 2022, Recipient of William J. Branstrom Freshman Prize

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## **Relevant Skills**

- Tools: Soldering, Oscilloscope, Matlab, Microsoft Word, Power Point, Excel
  - Programming Languages: C#, C++, Xaml, Python, Javascript
  - Languages: English, German, Mandarin Chinese
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## **Relevant Experiences**

**Kay Automotive Graphics**, Lake Orion, MI

May 2021 - Present

### **Software Engineering Intern**

- Developed mobile application for the KAG shop floor using Xamarin Forms, demonstrating the benefits of a mobile version of existing programs to management.
- Created supporting Web API to connect mobile shop floor application to the SQL server database using ASP.Net.
- Wrote Batch and Powershell scripts to help with automating tasks such as updating and deployment of kiosk computers, and uninstalling security vulnerabilities on desktop and laptop computers.
- Audited and tested UPS batteries for servers to ensure security of company data during power outages.
- Troubleshooting hardware issues with printers and computers, learning to diagnose and troubleshoot hardware and network issues.

**Lurie Nanofabrication Facility**, University of Michigan

September 2021 - April 2022

### **Laboratory Assistant**

- Stocking chemicals, photoresists, and lab supplies in cleanroom and wet chemistry labs, gaining experience in laboratory environments and procedures.
- Running the LNF store, distributing and delivering wafers, private chemical and photoresist stocks, and other supplies to researchers, developing a basic understanding about semiconductors and microsystems.
- Performing inventory hard counts on lab items, strengthening organizational and safety skills.

**Robotics Team AdamBots FRC 245**

September 2019 - May 2021

### **Member of Electrical and Field Build Teams**

- Coordinated with mentors, team leads, and other members to develop and construct electrical components of competition and parade robots, gaining familiarity with basic robotics and electrical components.
  - Constructed mock competition fields for competition robots to be tested on..
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## **Extracurricular Experiences**

**Adams Track and Field/Adams Cross Country**

March 2019 - June 2021

### **Senior Long Distance Runner**

- Trained daily and raced at weekly 400m and 800m relays, 800m and 5000m runs, and optional summer and winter practice, building self-confidence and motivational skills.

**National Honors Society**

September 2019 - 2021

### **Member**

- Organized and led a winter clothing drive and a fall coin drive, working with school staff, student council, and The American Red Cross and WHO, respectively, in order to facilitate school charity.