

# Aiden Ascioti

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## Education

**University of Michigan, Ann Arbor**

*Aug 2020 - May 2024*

BSE Electrical Engineering

3.93 GPA, 4.00 Scale

Relevant Coursework: Introductory Electronic Circuits, Java Programming, Engineering Electromagnetics, Signals and Systems

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## Experiences

**MRacing - Powertrain Division, 600V Cell Research Lead**

*Aug 2020 - Present*

- Working with the team to iterate on the existing MER21 400 Volt accumulator for this year's EV race car
- Experience designing fabricating high voltage powertrain
- Leading a team of students in sourcing and testing cylindrical and pouch cells, as well as high level accumulator design for MR23 600V powertrain
- Fabricating and wiring sections of a 400 Volt accumulator for use in an FSAE EV race car
- Team placed 1st in FSAE Michigan 2021, highest scoring EV car in the US for 2021 competition season

**Students for Democracy**

*Sep 2021 - present*

- Researching the viability of further electrification in Michigan's automotive and energy
- Constructing policy briefs with my team to inform Michigan policy makers on appropriate courses of action

**Carmel Clay Parks and Rec - Waterpark Lifeguard**

*Oct 2018 - present*

- Addressed emergencies and enforced safety as a Lifeguard in a Waterpark with upwards of 1000 patrons in the park at any one time
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## Honors

**Eagle Scout, Boy Scouts of America, Troop 202**

*January 2018*

- Coordinated and led the construction of Outdoor Learning Areas for classroom use at Cherry Tree Elementary School

**Tau Beta Pi Engineering Honor Society - Electee**

*Sept 2021 - present*

- Tutoring freshmen and sophomores in Differential Calculus
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## Skills

- Programming: Java, C++, MatLab
- Machining: saws, hole punch, drills, taps
- Software: Altium
- Experience with CAN