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136E East McNair Hall
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Summary

Second year Mechanical Engineering student with FIRST Robotics experience and work experience, looking for engineering internship for summer of 2020.

Education

Michigan Technological University (MTU) | Houghton, MI Expected May 2022
BS Mechanical Engineering
GPA: 3.07

Project Experience

Robotics System Enterprise September 2019-Present

- Member of **Robotics System Enterprise (RSE)**; joined in fall of 2019, planning on staying with the program, competing in AutoDrive competition, member of Radar team.

First Robotics Competition (FRC) November 2014-May 2018

Team 3414; Farmington United Robotics; Hackbots.

- 2017-2018; **Co-captain**; jointly responsible for organization and coordination of team including mechanical, electrical, software, business and graphics subgroups, Leader of pit crew at competition
- 2016-2017; **Co-captain**; jointly responsible for organization and coordination of team including mechanical, electrical, software, business and graphics subgroups, Leader of pit crew at competition. Team competed in World Championships in St. Louis.
- 2015-2016; **Mechanical lead**; responsible for robot design and build, leader of pit crew at competitions. Team competed in World Championships in St. Louis.
- 2014-2015; Member of the mechanical and pit team.

Technical Skills

-Google Suite	-MATLAB	-Microsoft Office	-AMESim
-Inventor	-NX	-MEP Software	-Hyperworks

Leadership

Co-captain | FRC Team 3414 | Farmington Public Schools June 2016-June 2018

-Lead high school robotics team of up to 100 students for 2 years.

Mechanical Lead | FRC Team 3414 | Farmington Public Schools June 2015-June 2016

-Responsible for overseeing design and build of FRC robot.

Sailing Instructor | Pontiac Yacht Club | Pontiac Sailing Education Foundation June 2018-August 2019

-Ran learn-to-sail program for the youngest sailors for 2 years.

Work History

Sailing Instructor, Pontiac Yacht Club, Keego Harbor, MI June 2018-August 2019

Contact: Director, Eric Ellison: (586)-291-4802

Soccer Referee, Farmington Soccer Club, Farmington, MI Spring 2012-Fall 2014

Interests

Sailing | Robotics | Hands on work | Working with kids