

Michael Napoli

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Current Address: 116 South Westmoor Avenue, Apt. D, Newark, OH 43055

Permanent Address: 2832 Orchard Tree Lane, Toledo, OH 43617

EDUCATION

The Ohio State University
Bachelor of Science in Mechanical Engineering
Minor in Programming

Newark, Ohio
Expected May 2022
Cumulative GPA: 3.762

St. Francis de Sales High School
High School Diploma
Graduated with Honors Recognition

Toledo, Ohio
Graduated May 2018
Cumulative GPA: 3.8

ENGINEERING EXPERIENCE

Fuel Cell Independent Research on Columbus Campus (CBE 4193) March 2019-May 2019

- Redesigned the Fuel Cell Unit Operations Lab for the Ohio State Chemical Engineering Program
- Made lab more efficient and beneficial to students who were taking part in the experiment
- Created test variables including flow rate, fuel cell layer count and resistance values so that students could learn the most efficient under which to run the fuel cell

AEV Design Project (ENGR 1182) January 2019-May 2019

- Worked in a group setting to design and implement a monorail style AEV to fulfill given objectives
- Measured variables such as advance ratio, propulsion efficiency and power consumption to minimize the overall energy needed to run the system
- Tested multiple designs to find most efficient concept and composed a written report explaining the reasons for utilizing the specific AEV

RELEVANT EXPERIENCE

OSU: Tutoring Center

Tutor

Newark, Ohio
January 2019-May 2019

- Tutored in the course subjects of engineering, physics and chemistry
- Helped to teach students how to efficiently code in MATLAB software
- Instructed students in ENGR 1182 on the ins and outs of SolidWorks CAD
- Gave meaningful instruction to students on how to work efficiently within a group environment

Ohio State University

Chemistry Lab Assistant

Newark, Ohio
August 2018-January 2019

- Provide students with lab instruments required to complete the lab.
- Assist in answering student's questions and helping them to understand the purpose of the project.
- Kept lab environment safe and clean via taking care of broken glass and spilt chemicals, etc.

ADDITIONAL EXPERIENCE

Mayberry Ice Cream

Customer Service Representative

Sylvania, Ohio
August 2017-August 2018

- Maintained safe and healthy storage/distribution of menu items.
- Assisted customers with the aim of complete customer satisfaction and responded to any complaints personally unless otherwise notified by one of five owners.

Toledo Mud Hens

Clubhouse Employee

Toledo, Ohio
May 2012-May 2016

- Maintained locker room conditions to a clean and satisfying level for the players.
- Moved home/away teams in and out of the locker rooms efficiently so as to get them to their next destination on time.
- Trained and monitored new employees to establish an efficient and productive work environment.

RELATED SKILLS

Computer Skills: Proficient in: MATLAB, SolidWorks (CAD), Arduino Coding, Microsoft Excel, Microsoft Word, etc.
currently enrolled in an introductory C++ course

Industrial Knowledge: Trained on measurement instruments such as: Izod, Melt and Mold machines

