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| **Michael Napoli**  napoli.38@osu.edu ● (419) 764-9525  Current Address (Dorm): 187 West Lane Avenue, Columbus, OH 43210  Permanent Address: 2832 Orchard Tree Lane, Toledo, OH 43617  **EDUCATION**  The Ohio State University Columbus, Ohio  Bachelor of Science in Mechanical Engineering Expected May 2022  Minor in Computer and Information Sciences Cumulative GPA: 3.726    St. Francis de Sales High School Toledo, Ohio  High School Diploma Graduated May 2018  Graduated with Honors Recognition Cumulative GPA: 3.8  **ENGINEERING EXPERIENCE**  **Turner Construction** Columbus, Ohio  *Co-op: Project Site JPMC* May 2019-August 2019   * Became familiar with the responsibilities of construction management as well as the advance scheduling process. * Helped to facilitate the project site’s back-punch list so as to keep with the deadlines set by the project schedule. * Developed an understanding of construction site drawings and became confident in finding specific items and details. * Demonstrated important techniques of time management on and off site in order to keep good academic standing in my courses while maintaining the Co-op position.   **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** Newark, Ohio  *Tutor* 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**  Newark, Ohio  *Chemistry Lab Assistant* 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**  Sylvania, Ohio  *Customer Service Representative* 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.   **RELATED SKILLS**  **Computer Skills:** Proficient in: C++, MATLAB, SolidWorks (CAD), Arduino Coding, Microsoft Excel, Microsoft Word, etc.  **Industrial Knowledge:** Trained on measurement instruments such as: Izod, Melt and Mold machines |
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