Henry Karagory
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OBJECTIVE

To pursue undergraduate opportunities in machine learning.

EDUCATION

The Ohio State University, Columbus, OH — Expected Graduation: May 2019
B.S., Computer Science Engineering, Mathematics — Overall GPA: 3.98 (4.00 scale)

TEAM PROJECT EXPERIENCE

Chem-E-Car Team, January 2016 – Present
Timing Mechanism Subgroup Team Leader

- Developing car braking system by performing chemical and mechanical testing
- Responsible for organizing team meetings, coordinating with other subgroups, scheduling project work, and advising team members
- Configuring an Arduino microcontroller using C++ to control the braking process
- Responsible for obtaining and analyzing data for the braking system to ensure that the car is capable of driving to and stopping at a specified location

Fundamentals of Engineering Honors Robot Competition, January-May 2016

- Developed autonomous robot that completed an obstacle course with three teammates
- Led the design and construction of the robot and assisted with software development in C++
- Produced the team documentation including final report, budget, and team record

PROGRAMMING LANGUAGES AND TECHNICAL SKILLS

- Familiar with Java, Python, MATLAB, HTML, CSS, JavaScript, PHP

HONORS AND ACTIVITIES

- Engineering Dean's List: Fall 2015, Spring 2016, Fall 2016
- Conversant in Spanish
- Delegate to the American Legion Buckeye Boy's State, Summer, 2014

WORK EXPERIENCE

Chemical Abstracts Service
Student Staff Analyst, May 2017-Present

- Analyzing current literature in the topic of industrial organic chemistry
- Summarizing and identifying key concepts and substances
- Collaborating with analysts to index articles from different areas of organic chemistry

Franklin International, Columbus, OH
Industrial New Product Development Intern, May-August 2016

- Assisted in the research, development, and improvement of polymer and industrial adhesive products
- Performed chemical and physical testing of products and data analysis to identify successes, failures, and improvement opportunities
- Assisted in the scale up of several products by performing small scale feasibility studies and by preparing and operating pilot reactor systems
- Inspected industrial scale manufacturing of polymer and adhesive products for quality control purposes and to identify problems