Devon R. Doyle

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Education

UNIVERSITY OF MICHIGAN, Ann Arbor, MI, September 2018 - Present

Second-year junior in the College of LSA: 99 credits complete, 3.18 GPA
Pursuing two majors in Computer Science and Economics and a minor in Mathematics
Estimated graduation: Spring 2022

ROMEO HIGH SCHOOL, Romeo, MI, September 2014 - May 2018

Class Valedictorian with a cumulative GPA of 4.124
2017 and 2018 AP Scholar with Distinction
Relevant AP Scores: CS A (4), Calculus BC (5), Statistics (4), CS Principles (5)

Activities

Romeo High School FIRST Robotics Team 3539, January 2015 - April 2018

- General Programmer - 2016, 2017
- Lead programmer and robot controller - 2018
- Designed, tested, refined, and implemented various programs and algorithms in Java and C# from scratch to enhance robot control and functionality for competition
- Leader of the programming team in 2018 instructing new members and coordinating team programmers to complete tasks in a standardized and efficient manner
- Developed and executed dynamic strategies in over 100 matches with other teams during local, state, and world competitions

Romeo High School NHS and Independent Volunteering 2016 - 2018

- Volunteer service in local community and educational events

FIRST Robotics Competition Volunteering, 2015 - present

- Extensive volunteering for Team 3539 and local FIRST Robotics events since 2016
    - Field repair/reset for local, state, and world championship competitions in 2016
    - Helped coordinate video stream and camera input for world championship 2017

Skills / Projects

- Proficiently skilled in Java, C++, and C#
- Fundamental knowledge of Python, HTML, CSS, and JavaScript
- Proficient in Microsoft Office programs and Google Drive counterparts
- Experience with competitive leadership, strategy, and impromptu problem solving
- Currently working on several independent programming projects: devonrd.github.io
    - Artificial evolution simulator based on a custom neural-network AI
    - Motion Profile application for autonomous FRC robots