

# Devon R. Doyle

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## Education

### **Bachelor of Science in Computer Science and Economics, Minor in Mathematics**

University of Michigan Ann Arbor, September 2018 - May 2022

- Computer Science: Machine Learning, AI, Web Systems, Data Structures and Algorithms, Computer Organization
  - Economics: Behavioral Economics, Micro/Macroeconomic Theory, Statistics and Econometrics
  - Mathematics: Linear Algebra, Differential Equations, Multivariable Calculus, Probability Theory, Math of Finance
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## Activities

### **Wolverine Blockchain**, September 2021 - May 2022

- University of Michigan's student-led organization dedicated to crypto, web3, and all things blockchain
- Group investment via MDAO: the organization's DAO which features collaborative investments by members

### **FIRST Robotics Team 3539**, December 2014 - April 2018, 40+ hours per week

- Leader of the programming team in 2017-2018 season, guided new members and coordinated with team programmers to complete tasks in a standardized and efficient manner (Java and C#)
  - Developed and executed strategies with other teams in over 100 matches during local, state, and world competitions
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## Experience

### **Raiven, Inc. - Software Engineer Intern**, May 2021 - May 2022 (full time summer, part time school year)

- Worked with Python, C++, and JavaScript to implement company applications and assist software production
- Utilized Microsoft Azure Databases and Logic Apps to automate SQL processes that were previously manual
- Coordinated with development and QA team members to rigorously test/debug software to meet production deadlines

### **SVS Vision - Marketing Intern**, May 2021 - September 2021

- Developed a WinForms application to automate the auditing of business hours across multiple platforms (Google, Yext, Yelp, etc.) by calling their APIs in C# and analyzing the JSON responses in C++ to check for inconsistencies
  - Assisted with operations of corporate marketing, including strategy, marketing campaigns, reviewing documents, etc.
  - Analyzed the return on investment of SVS Vision's new website through Google Analytics metrics
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## Volunteering / Other Experience

### **EECS 441 Wiki Revamp Project**, January 2022 - May 2022

- Developed a [new course website](#) for the College of Engineering's "EECS 441" with professor and student feedback
- Utilized HTML, CSS, JavaScript, and popular frameworks to create a responsive, modern website for students and staff

### **Independent Web Development**, April 2020 - May 2021

- Designed websites from scratch using HTML, CSS, and JavaScript according to clients' stylistic desires

### **Tutoring**, September 2015 - May 2021

- Worked with students to improve Algebra, Geometry, Computer Science, and Physics skills relative to their needs

### **FIRST Robotics Competition Volunteering**, February 2015 - Present

- Extensive volunteering for Team 3539 and local, statewide, and worldwide FIRST Robotics competitions
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## Skills / Projects

- Custom-designed portfolio website from scratch: [devondoye.com](https://devondoye.com)
- Proficiently skilled in C++ and Java, experience with HTML, CSS, C, C#, JavaScript, and Python
- Experience with Git, Microsoft Azure, Flask, SQL, R, STATA, NumPy, PyTorch, Node.js, Vue.js
- Basic-level written and oral Spanish