

PEYTON RITCHIE

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1458 Oak Ridge Ave #105 East Lansing, MI 48823

EDUCATION

Michigan State University | College of Engineering | East Lansing, MI

Expected May 2020

- **Computer Science, B.S.**
- Minor in Security Management
- Cumulative GPA: 3.78

PROFESSIONAL EXPERIENCE

Software Development Intern | BS&A Software | Bath, MI

May 2019 – March 2020

- Collaborating with a team of interns on a web-based project management application
- Developing front-end code with Angular, HTML, and CSS
- Developing back-end code in C# using the Model-View-Controller model
- Performing unit tests using C# in Visual Studio 2019 testing suite

Lead Front End Developer | Senior Design Project | MSU Capstone Course

August 2019 – December 2019

- Collaborating with a team on a web-based game application for Learning A-Z
- Developing the front-end of the project with Angular, HTML, and CSS
- Acting as primary contact for client

IT Intern | Fraunhofer USA, CCD | East Lansing, MI

April 2018 – April 2019

- Worked in the IT department of the Center for Coatings and Diamond Technologies
- Assisted in installation of PC hardware and software, along with technological troubleshooting
- Assisted in managing, maintaining, developing, designing and updating all computers at the company
- Performed special projects as determined by the information systems manager

Student Ambassador | MSU Office of Admissions | East Lansing, MI

October 2017 – May 2018

- Worked on the Admissions telecounseling team
- Talked to high school students considering Michigan State as their college to attend after they graduate
- Used experiences to help prospective students with their questions about MSU life and admissions

SKILLS

- | | |
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| • C /C++ | • Software engineering |
| • C# | • Mobile app development |
| • Python | • Operating systems and performance |
| • Angular / Typescript | • Algorithms and data structures |
| • HTML / CSS | • Computer architecture and organization |
| • Java | • Scrum development process |
| • Visual Studio | • Information technology |
| • Object Oriented Programming | • Source Control |

AWARDS & ACTIVITIES

Dean's List | College of Engineering | Michigan State University

Fall 2016 – Present

Society of Women Engineers | Michigan State University | Collegiate Member

September 2017 – Present