

# PEYTON RITCHIE

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1458 Oak Ridge Ave #105 East Lansing, MI 48823

## OBJECTIVE

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To secure permanent employment as a software engineer that utilizes and expands my skills in computer science.

## EDUCATION

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**Michigan State University** | College of Engineering | East Lansing, MI *Expected May 2020*

- **Computer Science, B.S.**
- Minor in Security Management
- Cumulative GPA: 3.79

## PROFESSIONAL EXPERIENCE

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**Software Development Intern** | BS&A Software | Bath, MI *May 2019 – Present*

- 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 – Present*

- 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                 |
| • LINQ                 | • Source Control                         |

## AWARDS & ACTIVITIES

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**Dean's List** | College of Engineering | Michigan State University *Fall 2016 – Present*

**Society of Women Engineers** | Michigan State University | Collegiate Member *September 2017 – Present*