# Riley Marsden

SOFTWARE ENGINEER · UNDERGRAD

*Missoula, Montana, 59801*

406.241.5102   |   RileyMarsdenB@gmail.com   |   https://github.com/Rileyj-m   |   https://www.linkedin.com/in/rileymarsden/

## About Me

**Programming**   C#  ·  Java  ·  Python  ·  Django  ·  Powershell

**Analytics**   SQL  ·  .NET  ·  Excel  ·  Azure DevOps  ·  Git

**Web/Media**   HTML/CSS/JavaScript  ·  Bootstrap  ·  Photo-shop

## Experience

### Border States Electric
*Missoula, Montana*

PRIVATE CONTRACTOR
*Jun. 2017 - Aug. 2017*

- Helped assemble basic office supplies including chairs, desks, and computers.
- Operated forklifts while moving supplies around.
- Broke down pallets, landscaped, wired Ethernet throughout the building.

### Microsoft Internship
*Missoula, Montana (virtually)*

SOFTWARE ENGINEER INTERN (FRONT-END, BACK-END DEVELOPMENT)
*Jun. 2021 - Aug. 2021*

- Gained a fundamental understanding in git, C#, and working in a professional development atmosphere.
- wrote algorithms that are used in security to detect phishing.
- Understood the importance connected with scalability, teamwork, understanding APIs, .NET frameworks, testing, meeting client needs, and understanding how to communicate between ideas.

### Microsoft Employment
*Missoula, Montana (virtually)*

SOFTWARE ENGINEER IN TEST
*Nov. 2021 - Present*

- Working part time in a security environment testing new features on product roll out.
- Currently working on solutions regarding bug fixes.
- Ensuring that Microsoft keeps it's integrity through providing ample testing and examination pertaining to current products, while also developing new strategies to combat current issues around their software.
- Learning how .NET can be used to send, encrypt, decrypt, in addition to enforcing emails in both UI and cmdlet environment.

## Personal Projects

### Trading Bot Simulator

A TRADING BOT THAT SIMULATES REAL WORLD DATA FROM THE NEW YORK STOCK EXHANGE

- Learned how programming and financial can work together in unison.
- Furthered my understanding in the area of working with API's.

### Blackjack

A PYTHON PROGRAM THAT SIMULATES THE GAME A BLACKJACK

- Taught me the fundamentals of Object Oriented Programming.
- Helped me further my education into programming.
- Opened me up to better tools to learn programming (Leetcode).

## Education

### The University of Montana
*Missoula, Montana*

B.S. IN COMPUTER SCIENCE AND ENGINEERING
*Jan. 2019 - Present*

- Dean's Honours List: 3.62 GPA
- Graduation Date: May - 2023