

# Derek Rivera

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## Objective

To work in a professional and high-tech environment to advance my skills in engineering. Passion for finding new and innovative solutions to complex problems. Willingness to learn new languages, applications, and frameworks.

## Skills

Software – Eclipse, GitHub, PyCharm, Visual Studio

Operating Systems – Windows and Linux

Coding Languages – Java, JavaScript, HTML, Python, C/C++, Assembly Language

## Education

Mount St. Mary's University  
Bachelor of Computer Science, GPA 3.37  
May 2024

16300 Old Emmitsburg Road  
Emmitsburg, MD 21727

Mount St. Mary's University  
Minor in Mathematics, GPA 3.37  
May 2023

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## Experience

### Software Developer Internships – Twin Oaks Consulting, LLC

July 1<sup>st</sup>, 2020 – June 30<sup>th</sup>, 2021, 20 hours per week

- Front-End and Back-End Development and Management of company website.
- Designing user interfaces and navigation menus
- Integrating multimedia content onto a site
- Testing web applications
- Troubleshooting problems with performance or user experience
- Design layouts for mobile, tablet, and desktop devices
- Create branding and identity systems for websites, apps, and other media.
- Design graphics, icons, and logos
- Design custom WordPress themes
- Work with developers to implement visual elements of websites.

May 2023 – August 2023), 20 hours per week

- Research and evaluate new design trends.

- Designed, implemented, and built company's website with HTML, CSS, and JavaScript
- Responsible for the company's developing software solutions and web applications, supporting, and maintaining a company's websites and digital products.
- Designed the overall layout and aesthetic for the company's websites.
- Coded webpages or entire websites, meeting with clients to review website templates or refine their designs and running tests to preview layouts and website features.
- Built, design, and launch company website, perform comprehensive HTML and CSS code reviews, and utilize user-centered design principles to improve website performance.

### **Golf Operations Assistant – Maple Run Golf Course**

Every Summer Since May 2015 – August 2022, 24-40 hours per week

- Assist with operations and management of the golf pro shop and outside service staff.
- Manage and setup golf course tee times.
- Collect daily fees and coordinate player's reservations.
- Manage, clean and fully stock golf carts.
- Clean and organize golf clubs.

### **Honors**

- Captain of the Catoctin High School Golf Team
- Member National Honors Society of Catoctin High School
- Mu Alpha Theta (Math Honors Society) of Catoctin High School
- Upsilon Pi Epsilon Honors Society (National Honors Society for Computing and Informational Science) of Mount St. Mary's University
- Dean's List 2023 Mount St. Mary's University