MANOLO MARTIN

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EDUCATION

Bachelor, Computer Science | GPA: 3.71   **Grad: May 2024**
George Mason University   Fairfax, VA
- Vice President of the George Mason National Society of Engineers Chapter
- Commonwealth Cyber Initiative Scholar
- Undergraduate Research Assistant
- Relevant Courses: Operating Systems | Artificial Intelligence | Data mining | Databases | Networking | Analysis of Algorithms | Data Structures | Secure Programs | Cryptography | Testing and Maintenance

PROFESSIONAL EXPERIENCE

Software Engineer Intern   **June 6 - Aug 19 2022**
Sonatype   Remote
- Collaborated in an Agile Scrum team that used Continuous Integration/Continuous Deployment practices with Jenkins to develop and support the Nexus Lifecycle product.
- Enhanced front-end application stability and user experience by identifying and rectifying bugs in JavaScript, alongside developing test suites in Jest for React and Redux components.
- Collaboratively designed and implemented RESTful endpoints using Java Spring, Hibernate for database interactions, and Selenium-based test suites.
- Transitioned GEB test suites from Groovy to Java, using Selenium for improved automation and testing efficiency.
- Leveraged tools such as Github, Jira, Confluence, and Slack to increase team efficiency.

Tutoring Specialist I   **Aug 22 2022 - Present**
PassCS   Fairfax, VA
- Delivered tutoring sessions in Java, C, and Data Structures, catering to up to 4 clients a week, resulting in full letter grade improvements and increases in overall understanding and application of these concepts.
- Implemented tutoring strategies that were tailored to the individual learning styles and needs of students, leading to increased student engagement across all tutored subjects.
- In collaboration with a team of 13 tutors, created and fine-tuned strategies specifically designed for college-level learning that helped students pass classes with an 86% success rate.

Software Engineer Intern   **May 22 - Aug 4 2023**
Pluralsight   Remote
- Worked in a cross-functional full-stack team that developed and supported high-performance distributed systems that serve over 3 million users worldwide.
- Performed the migration and enhancement of various Postgres tables using Postman, PostgreSQL, Postico, and Docker which improved database performance.
- Engaged in pair programming to implement JWT-based user authentication using Typescript and ExpressJs that improved user authentication efficiency across platforms.
- Accelerated frontend rebranding initiatives by translating Figma designs into responsive web interfaces using Gitlab, HTML, CSS, and Svelte.
- Enhanced API endpoints,managed subscriptions ,and performed maintenance on data streams, utilizing tools such as Kafka, C#, and ASP.NET, which contributed to improvement in data flow efficiency and system stability.

PROJECTS

Personal Portfolio Website - *HTML, CSS, JavaScript*
- Developed a portfolio website with my projects and experience, using HTML, CSS, and Font Awesome for design, hosted on GitHub Pages.
- Implemented responsive design for optimal viewing across devices, with a user-friendly interface for efficient navigation.
- https://github.com/MMartin1013/Personal-Portfolio