Bryson Monteiro

Cyber Security Specialist

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www.linkedin.com/in/brysonmonteiro | **Active Secret Clearance**

Education

University of Central Florida, Orlando, Florida	Expected Fall 2026

Master of Science in Cyber Security and Privacy

Montclair State University, Montclair, NJ	May 2024

Bachelor of Science in Computer Science

Proficient Skills

Typescript, Javascript, MongoDB, Express.Js, React.Js, Node.Js, CSS, HTML, Git, GitHub, Bootstrap, Java, Python, C, Docker, Linux, Mac OS

Languages

English(Fluent), Spanish(Fluent), Portuguese(Intermediate)

Key courses

Software Engineering I & II, Computer Networks, Computer Security, System Programming, Operating Systems, Database Systems

Key Academic Projects

ShuttleTracker Project	Spring 2023

- Collaborated with a team to create a full-stack application utilizing MERN (MongoDB, Express.Js, React.Js, Node.js) to track campus shuttle services
- Led the front-end redesign to streamline and enhance website navigation, resulting in a 25% increase in user page traversal and a 40% reduction in total pages, significantly improving the overall user experience
- Directed the end-to-end design process, utilizing a blend of TypeScript and CSS methodologies to craft a cohesive, visually appealing, and responsive UI that seamlessly adjusted to various screen sizes, ensuring consistent user experience across devices
- Contributed to the integration of Axios within our Node.Js back-end, aiding in the development of efficient POST and GET request mechanisms that ensured swift updates of data, thus improving real-time user interactions with the application
- Successfully integrated YUP into our form handling logic, reducing data submission errors by over 40% and enhancing the application's security. This implementation significantly improved the reliability and integrity of user-input data
- Collaboratively utilized Git and GitHub for version control and source code management, ensuring efficient team collaboration, task tracking, and code integration. This approach maintained project order and cohesion, leading to a streamlined development process and timely completion of project milestones

University Course Registration Project	Fall 2022

- Worked within a team to develop a University Database System, utilizing Python for back-end functionality and SQLite coupled with SQL for comprehensive database management. This joint effort facilitated the implementation of essential features such as student registration, course enrollment, and withdrawal processes
- Architected and executed the design of structured database tables (Students, Enrolled, Courses) within the University Database System, employing Python and SQL. This design ensured data organization, thereby enhancing data retrieval and management capabilities
- This project laid a solid foundation for future endeavors in software development, significantly enriching my understanding of full-stack development. Through integrating Python-based back-end systems with user interfaces, I gained valuable insight into the interplay between back-end and front-end technologies

Experience and Key Certifications

United States Marine Corps Reserves (Data/Network Administrator Corporal)	October 2019-Present

- Orchestrated the design and upkeep of network systems, encompassing physical cabling and server configurations, integral to seamless communication and efficient data management
- Authored in-depth network documentation that facilitated a 75% improvement in understanding among entry-level data administrators, enabling them to effectively manage and troubleshoot the network within a significantly reduced learning curve
- Coordinated the management of user accounts and the enforcement of access controls, diligently ensuring compliance with security protocols. This effort improved network operation efficiency and maintained high standards of user accessibility and network security
- Supervised and led various groups of Marines in both technical operations and career development. Ensured consistently high standards of performance and discipline
- Designed and implemented Virtual LANs to enhance communication channels, optimizing connectivity for various Marine groups and their respective duties

Certified Lean Six Sigma Green Belt	September 2024

- Gained comprehension about the 5S's to remove any unnecessary items, organize items for easy access and use, maintain a clean workspace, develop procedures and practices to ensure consistency, and foster a culture of discipline and continuous improvement
- Delved into the DMAIC framework to process improvement further. Significantly improved the quality of each process while eliminating excess waste
- Advanced change management initiatives to foster positive transitions, resulting in sustainable improvements throughout the process