TRISTAN J. JARVEY

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Education

University of Wisconsin-Milwaukee, College of Engineering and Applied Science   **Milwaukee, WI**
Bachelor of Science, Computer Science, GPA: 4.0   Expected graduation: May 2026
- Coursework: Computer Programming, Object-Oriented Programming (in progress)

University of Wisconsin-Milwaukee, College of Letters and Science   **Milwaukee, WI**
Bachelor of Arts, Psychology   Dec. 2022
- Honors: McNair Scholar (2021), SURF Fellow (2021-22)

Work Experience

Lubar Entrepreneurship Center   Milwaukee, WI
Innovation Intern   Jul. 2024 – Present
- Manage the Lubar Entrepreneurship Center (LEC) website using WordPress, HTML5, and CSS3, implementing responsive design principles and optimizing for mobile devices.
- Collaborate with a cross-functional team using iterative processes to develop and implement innovative features for the center's presence and event programming.
- Create and distribute a biweekly newsletter, using data analytics tools to track performance and user engagement.

BioLife Plasma Services   Travel
Manager Trainee – Operations   Jun. 2023 – Jan. 2024
- Conducted root cause analysis using DMAIC methodology, resulting in an 80% reduction in a recurring issue and 10% decrease in controllable costs.
- Provided comprehensive support to teams using Power BI and operational expertise to make data-driven decisions.
- Led the implementation of industry best practices in plasma production centers nationwide.

United States Army Reserves   Machesney Park, IL
Squadron Leader   Feb. 2021 - Mar. 2022
- Led and motivated a diverse eight-member team in a high-pressure environment, utilizing critical thinking and Agile-like principles for mission planning and execution.
- Led the digital transformation of inventory tracking by prototyping, testing, and distributing a dynamic spreadsheet system increasing company-wide productivity by 20%.
- Mentored a high-performing soldier leading to his successful completion of Army Special Forces Assessment & Selection.

Team Leader   Nov. 2019 - Feb. 2021
- Coordinated complex, time-sensitive operations requiring analytical thinking, precise communication, and execution among team members, mirroring accelerated Agile sprint methodologies.
- Mentored two team members on technical and leadership skills resulting in their promotion 50% faster than average.

Combat Engineer   Mar. 2016 - Nov. 2019
- Fostered collaborative relationships across teams, driving efficient problem-solving and process improvements.

Project Experience

Portfolio Website (HTML, CSS) - https://tristanjarvey.github.io/   Aug. 2024 - Present
- Designing and developing a responsive personal portfolio website to showcase projects and skills.
- Implementing modern CSS techniques including Flexbox and Grid for layout design.
- Utilizing Git for version control, maintaining the project on GitHub Pages.

Roulette Game (Java)   Apr. 2024
- Developed a single-player roulette simulation program, implementing realistic game mechanics, including betting options, wheel spinning, and payout calculations.
- Implemented random number generation for fair and unpredictable game outcomes, while incorporating error handling and input validation to ensure program stability and enhance user experience.

Skills

Java, HTML5, CSS3, WordPress, Bash, Git, GitHub, Microsoft Excel & Power BI, Data Analytics, Troubleshooting