

Brian Donovan

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Education

James Madison University (JMU)

Bachelor of Science in Computer Science | May 2025

Experience

Integrity Risk International: Information Technology Intern

June 2024 - September 2024

- Conducted quality assurance testing and bug identification for company's web application
- Collaborated with software engineers and executives to align development efforts with strategic objectives
- Developed and refined IT policy documents to enhance security, compliance, and consistency in the company's IT practices
- Researched and engaged with penetration test vendors to identify the vendor most suitable for the company's specific security requirements

Telos Corporation: Cyber Security Sales Intern

June 2022 - January 2023

- Conducted lead account research and gathered information through sales intelligence and market research tools
- Helped increase team activity by 90% over the same month in previous year and increased monthly average by 71% over past twelve months
- Participated in a "call blitz" campaign to accelerate prospecting goals and secured a meeting with a target prospect at a \$3.2B company

Spotswood Country Club: Shift Manager/Lead Server

January 2024 - November 2024

- Effectively communicated with a diverse clientele, including members, management, and kitchen staff to ensure smooth service and a positive experience for guests

Languages and Skills

- Python | PyTorch | TensorFlow | RAG | Django | Java | JavaScript | Rust | C | CSS | PostgreSQL | Report Building

Relevant Coursework and Projects

Portfolio Website: brianmdonovan.com

June 2024

- Developed a portfolio webpage optimized for both desktop and mobile devices

IBM AI Engineer Professional Certification

- Built, trained, and deployed different types of deep architectures, including convolutional neural networks, recurrent networks, autoencoders, and generative AI models including LLMs

June 2025

Customer Relationship Management (CRM) Web Application: CS 347 Web Development

May 2025

- Designed and developed a full-stack web application to manage and optimize customer relationships
- Utilized Django for efficient development and integrated PostgreSQL as the database engine

Multi-Function Graphing Calculator: CS 345 Software Development

December 2022

- Collaborated within a Scrum team to develop a complex calculator application in Java
- Lead front-end design and functionality through all phases of the software development lifecycle

Command-Line Shell: CS 361 Computer Systems II

December 2023

- Developed a command-line shell and implemented simulations of DHCP and DNS protocols using C

Awards, Volunteerism, and Extracurriculars

- Team Lead, First Place Winner, Accenture Federal Services AI Innovation Challenge

September 2024

- Commonwealth Cyber Initiative Scholar, George Mason University

May 2022

- Selected for the NoVa Node Scholar Experiential Learning Program in cybersecurity

- JMU Student Success Mentor Volunteer, Mentor Collective

August 2023 - Present

- Founder & Executive Assistant to President, Madison Business Society

September 2021 - Present

- Residential Learning Community: MadisonBiz (College of Business)

August 2021 - May 2022

- Eagle Scout, Boy Scouts of America – Troop 1158, Ashburn, VA

June 2020