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PATRICK DEBOY

PROFILE

I am a senior at UMBC majoring in Computer Science, with interests in cybersecurity, software development, and AI. With over four years of hands-on experience in programming and computer systems, I am eager to apply my skills and knowledge to contribute to challenging and exciting projects and missions. I am actively seeking full-time opportunities following my graduation in May 2024.

EDUCATION

UNIVERSITY OF MARYLAND, BALTIMORE COUNTY   **Baltimore, MD**
Bachelor of Science in Computer Science   *Graduating in May 2024*
Overall GPA: 3.6
Selected Senior Courses: Artificial Intelligence, Computer Networks, Machine Learning, Operating Systems, Algorithms, Principles of Computer Security, Statistics and Probability for Engineers
Relevant Coursework: Computer Systems, Software Engineering, Data Structures & Algorithms, Database Management, Discrete Structures, Advanced Programming, Calculus I & II

MOUNT SAINT JOSEPH HIGH SCHOOL   **Baltimore, MD**
GPA: **4.29**, ranked **55 out of 244**   *Graduated May 2020*

ADDITIONAL SKILLS

- **Programming Languages**: C++, C, Java, Python
- **Operating Systems**: Windows, Mac OS/X, Linux
- **Operational**: Github, SQL, Web Development, Agile Development, Computer Systems, Data Structures, Algorithms, Microsoft Office, Video Editing, Fundamentals of Computer Science
- Team-player, Adaptable, Self-Starter and Self-Motivated, Hardworking, Great Communicator
- Competitive personal training, World-Qualifier Irish dancer and performer

WORK EXPERIENCE

Software Engineer Internship (G3 Technologies)   *Spring Semester 2024*

- Developing test automation and scripts in a Linux environment for network scanners and other technical exploit devices involving wireless network communications (e.g., GSM). (Python, Linux)

Health Unlimited Family Fitness Center, Mount Airy, MD   *May 2023 - January 2024*

- Beyond staff duties, I dove in and helped the company successfully migrate to a new customer management system, including computer setup, troubleshooting, resolving daily IT issues, and technical support.

OTHER PROJECTS

***Rant.AI* - Mental Health Chat App (2023 - Hackathon)**   *September 2023*

- Guided a 4-person team in a successful development of 'Rant.AI,' a user-friendly mental health chat bot application, leveraging OpenAI's API, Next.js, and modern design principles.

***Divi* - Expense Splitting App (2022 - Hackathon)**   *October 2022*

- Co-created 'Divi', a concept web-application built using Node.js and Angular, to simplify the process of splitting expenses and requesting money from user accounts.

Interactive Calculator App [Software Engineering]   *September 2021 - December 2021*

- Took proactive leadership and successfully led a 4-person team through agile development.
- Designed & implemented a calculator using Java and related libraries with a team using github