

Oscar Berrigan

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EDUCATION

James Madison University, Harrisonburg, VA
BBA: Computer Information Systems

Expected Graduation: May 2028
Cumulative GPA: 3.22

Academic Dean's List

SKILLS AND CERTIFICATIONS

Technical Skill(s):

Languages: Java, Python, SQL

Data & Analytics: Microsoft Excel (Advanced), Microsoft Power BI, SQL, Data Analysis, Data Visualization

Tools & Technologies: Supabase, Vercel, OpenAI API, Git/GitHub

Other Skills: Database Programming, System Debugging, Code Reviews

Certification(s):

- Microsoft Power BI Desktop for Business Intelligence
- Microsoft Excel: Beginner to Advanced
- The Ultimate MySQL Bootcamp: Go from SQL Beginner to Expert
- Responsive Web Design
- Java Coding for Game Development
- Python for Beginners
- 100W Cybersecurity for Industrial Control Systems

WORK EXPERIENCE

Math Tutor, Mathnasium Learning Center, Alexandria, VA

April 2022 – October 2023

- Used positive reinforcement, repetition, and review to help students improve their average math grade by 15%
- Supported up to 12 students consecutively with helpful study habits and exam strategies
- Created and shared math resources and materials to boost student comprehension
- Utilized diverse teaching strategies and resources to help students better understand math concepts

Entrepreneurial Venture

March 2025 - Present

- Developed and conceptualized multiple AI-driven software applications, including productivity and educational platforms leveraging generative AI technologies and workflow automation.
- Designed and structured full-stack application architectures using tools such as Python, Supabase, Vercel, and OpenAI APIs to streamline user experiences and automate repetitive tasks.
- Built and managed personal software projects exceeding 50+ organized development files, implementing scalable project structures, backend integrations, and AI-assisted workflows.
- Leveraged prompt engineering and generative AI tools to accelerate software development, UI/UX ideation, debugging, and application prototyping, reducing application planning and development time by an estimated 40%.
- Conducted independent market research and feature planning for startup-oriented SaaS products, including freemium pricing models, authentication systems, and cross-platform deployment strategies.

EXTRACURRICULAR ACTIVITIES

Sprinter, Hayfield Track & Field, Alexandria, VA

February 2024 – May 2024

- Trained 5 days per week to improve sprint speed, explosiveness, and endurance
- Competed in 10+ races representing Hayfield in sprint events
- Improved sprint technique by practicing starts, acceleration, and form mechanics
- Collaborated with teammates and coaches to strengthen relay coordination and performance

INTERESTS

Entrepreneurship, Software Development, Weightlifting, Chess