

Connor Joseph Wallace

connorjwallace@outlook.com • (571) 329-7352 • connorjwallace.com

Education

Bachelor of Science, Computer Science

James Madison University

August 2016 – May 2020

Harrisonburg, VA

Experience

Software Engineer I-II

Microsoft

September 2021 – Present

Reston, VA

- Contribute to the Azure Security team to deliver security services and products to tailored cloud environments.
- Design and implement automated deployment pipelines to address buildout dependencies and meet customer needs.
- Developed tools to streamline onboarding of virtual machine certificates and networking in unique environments.
- Manage distributed virtual machines in multiple regions, ensuring reliable security updates and patch deployments.
- Provide support for customer-facing services, including on-call rotations to ensure high availability and reliability.

Software Engineer

General Dynamics – Mission Systems

May 2020 – September 2021

Fairfax, VA

- Led programming efforts on team to maintain, develop, and integrate virtual machines and hardware for customer.
- Engineered a full stack application in Python for managing customized virtual machines and networking/hardware.
- Led a full server room Linux OS conversion, including a rework of backend systems and software.
- Gained experience in Python, Bash, C++, and Linux/CentOS. Participated in classified information security tasks.

Software Development Intern

BerkleyNet

May 2017 – August 2019

Manassas, VA

- Worked on a team to develop and test software changes and build backend services (Java, SQL, Agile / Jira).

Leadership

Army National Guard

VAARNG

May 2020 – Present

Fredericksburg, VA

- Commissioned as a Signal Corps officer. Leading and developing a communication and network group to support missions. Utilizing leadership skills, team management, development of others, and task delegation / management.

Engineering Leader of JMU Collegiate Wind Competition Team

James Madison University

April 2019 – June 2020

Harrisonburg, VA

- Worked with team to engineer prototype wind turbine for the 2020 CWC. Designed and developed the team's website.

Leader of ROTC Cyber Defense Club

James Madison University

January 2017 – May 2020

Harrisonburg, VA

- Led an ROTC club focused on cyber defense and security topics. Developed and presented interactive lessons and activities for meetings. Created Python hacking simulation, pen-testing activities, and familiarization lessons.

Projects

- **Software Engineering** - Led a 4-person team to develop a file indexing and searching program with Agile methodology.
- **Full Stack Development** - Created web app to manage teaching schedules. Developed back-end interaction.
- **Personal** - Personal server and full stack website hosted using Docker containers. Android/Python/Java games and apps.

Skills

- Languages: Python, Bash, C#, Java, SQL.
- Proficient knowledge: Linux, Docker, Azure / cloud deployments, and Agile development.
- Fluent in: Object-oriented programming, database / backend interaction, full stack, and service monitoring.
- Experience with: Android, Networking, Cyber Security, C++.

Credentials

- Active **Top Secret** security clearance.