

Connor Joseph Wallace

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Education

Bachelor of Science, Computer Science

James Madison University

August 2016 – May 2020

Harrisonburg, VA

Experience

Software Engineer

General Dynamics – Mission Systems

May 2020 – Present

Fairfax, VA

- Lead programmer on team that maintains, develops, and integrates virtual machines and hardware for our customer.
- Developed GUI and backend for managing virtual machines and network/hardware statuses, based in Python.
- Led a full software conversion of virtual machine manager from CentOS6 to 7, including reworking of backend.
- 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 and build backend services (Java, SQL).
- Learned team-oriented software development practices (Agile, Atlassian / Jira, Bitbucket).

ROTC Battalion S6 - Communications and Network Staff

James Madison University Army ROTC

January 2019 – January 2020

Harrisonburg, VA

- Acted as the Communication and Network head in the JMU Army ROTC Battalion.

Leadership

Army National Guard

TXNG – Signal Corps

May 2020 – Present

Round Rock, TX

- Commissioned into the Signal Corps as a 2LT. Manage and develop a communication and network group to support missions. Utilized leadership skills, team management, development of others, and task delegation / management.

Leader of ROTC Cyber Defense Club

James Madison University

January 2017 – May 2020

Harrisonburg, VA

- Lead 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.

Engineering Team of JMU Collegiate Wind Competition Team

James Madison University

April 2019 – June 2020

Harrisonburg, VA

- Worked with engineering team to develop a Wind Turbine to compete in CWC 2020. Developed team's website.

Projects

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

Skills

- Languages: Java, C, Python, SQL, PHP, Bash.
- Working knowledge: HTML, JavaScript, Linux.
- Fluent in object-oriented programming, database / backend interaction, full stack, and Agile development.
- Experience with Windows, Linux, Android, Networking, Cyber Security.

Certificates and Awards

- **Active Top Secret security clearance.**
- President's List (1) and Dean's List (3).