

RYAN SHOWALTER

ryan (at) showalter (dot) email

OBJECTIVE

A job opportunity that will allow me to utilize my attention to detail and problem solving skills in software development, and to develop my skills in modern software architecture and cloud computing.

EDUCATION

James Madison University, Harrisonburg, VA

August 2018 - May 2022

Bachelor of Science, Computer Science

Cumulative GPA: 4.00

Minor in Mathematics

University Valedictorian

Selected Coursework - Data Structures, Applied Algorithms, Network Applications Development,

Parallel and Distributed Systems, Computer Systems, Operating Systems, Software Design and Analysis

TECHNICAL SKILLS

Programming Languages

Java, C, Python, Go, Bash, JavaScript

Tools, Frameworks, and Libraries

Git, GitLab CI/CD, Linux, Docker, AWS, React.js, NodeJS

Miscellaneous

Agile, Scrum, Communication

WORK EXPERIENCE

CACI International, Sterling, VA

June 2022 - Present

Software Engineer

- Worked with a team to develop and maintain a large counter-UAS full stack web application using AngularJS and Spring
- Utilized skills in Docker to assist in the development of containerized microservices

CACI International, Sterling, VA

May 2020 - August 2020, May 2021 - August 2021

Software Engineering Intern

- Utilized agile development methodologies with a team of other interns
- Year 1 - Designed, implemented, and tested a computer vision and machine learning application for a government client using tensorflow and OpenCV
- Year 2 - Installed and improved a containerized microservice for diagnosing a complex counter-UAS software system using Docker, NodeJS, and React.js

James Madison University, Harrisonburg, VA

August 2019 - May 2022

Lead Teaching Assistant

- Utilized skills in reviewing and debugging code to assist my peers in writing code that meets rigorous project requirements.
- Held weekly review sessions to help students further understand course material
- Supervised 2-3 other teaching assistants each shift

Independent Contractor for Corsec Security, Herndon, VA

February 2021 - August 2021

Software Engineering

- Modified OpenSSL 1.1.1 to ensure compliance with FIPS 140-3
- Created tests for over 20 cryptographic functions

CERTIFICATIONS

CompTIA Security+ CE

July 2022

AWS Certified Cloud Practitioner

July 2022