

Career Interests: Software Development, Automation, Python or C++ implementation, and Network Security.

## Education:

Wichita State University Spring 2021 – Fall 2023

- Bachelor of Science in Computer Science, Minor in Mathematics
- GPA: 3.642

## Work History:

Boeing Intelligence and Analytics, Software Engineer May 2024 – November 2024

- Identified and reported software security vulnerabilities for commercial over the shelf (COTS) software, reducing approval wait times for tool accessibility.
- Developed testbenches using the Universal Verification Methodology for FPGA components to validate and verify potential parts from industry.
- Facilitated daily scrum for the Firmware Team as the Scrum Master.

Flint Hills Resources, Software Engineer Intern May 2023 - November 2023

- Created a retrain pipeline for a machine learning model that would redirect the prediction of anomalies in high valued accounts by using feedback from users.
- Implemented data integration pipelines for permits to be available offline, created unit test cases, refactored repositories through full stack development, and built APIs with Lambdas and API Gateways.
- Collaborated with a team consisting of a Product Owner, Product Analyst, and two Software Engineers using Azure DevOps for streamlined task management and creation.

NetApp, QA Student Contractor November 2021 – February 2023

- Executed scripts to test the competency of controller firmware to specific configured arrays, switches, and servers to provide feedback on potential defects.
- Contributed to the development of an internal website by clearing bugs, refactoring for asset protection, and linking API calls to buttons.
- Configured various arrays, switches, and servers through respective IPv4 using standard set up with YAML files to have components properly communicate with each other.

United States Coast Guard, Yeoman Petty Officer Third Class February 2019 – March 2021

- Performed administrative work by operating an internal software system to process pay and employee status such as marks, disciplinary actions, deployment papers, and retirements.
- Completed Apprentice Leadership Program being able to identify stress factors, influence others, and support an environment of respect.

## Skills:

Languages: Python, C++, Typescript, and Bash.

Tools and Platforms: Docker, GitLab, Jira, AWS, Git, SharePoint, Postman, Kanban, and Linux.