

Jack Hauger

Jackhauger5@gmail.com | JackHauger.github.io | LinkedIn | Charlottesville, VA | (540) 259-9203

Education

University of Virginia

Charlottesville, VA

B.A. in Computer Science | GPA 3.8/4.0

May 2023 - May 2026

Relevant Coursework: Data Structures and Algorithms, Computer Systems and Organization,
Software Development Essentials, Cybersecurity, Calculus
Discrete Mathematics, Computer Science Ethics

Experience

US Naval Research Base Dahlgren | King George, VA

May 2024 - August 2024

Software Engineering Intern II

- Collaborated with highly experienced engineers and Ph.D.s from other departments to further the development of cutting-edge naval radar data collection/fusion software.
- Programmed a scalable, MVC-based network testing suite that increased quality assurance through rigorous testing of networking software and hardware on our systems.
- Completed a radar education program that taught me the foundations of advanced radar technology.
- Worked closely with contractors to assist in software configuration as well as process engineering.

US Naval Research Base Dahlgren | King George, VA

May 2023 - August 2023

Software Engineering Intern I

- Worked with Dahlgren's sensor data fusion group, specifically their software engineers to solve bugs and organize and refactor the source code of our systems.
- Programmed a multithreaded GUI application that would allow sailors to perform our platform specific system configuration to be modified without engineer oversight.
- Learned to perform manual system configuration which required advanced knowledge of operating systems problem solving skills.

University of Mary Washington | Fredericksburg, VA

December 2023 - April 2023

Student IT Specialist

- Assisted the UMW registrar's office in the secure digitization of student records while remaining in compliance with the FERPA student privacy act.
- Allowed the smooth operation of the office by providing various forms of technical support on Windows systems as well as different office devices.

Skills

Technical Skills

Programming Languages: Python [Tkinter, pandas], Java [JUnit], C++ [Qt6], SQLite, Bash

Programming Tools: Unix [RHEL, Ubuntu], Git [Github, Gitlab], Jira, Bitbucket, Databases, Latex

Web Development: HTML 5, CSS 3, Javascript

Awards

1st place in FBLA Regional Programming Competition, 4th place in the state

2020

1st place in FBLA Regional Information Technology Examination

2019

Most Outstanding Mathematics Student at Riverbend High School

2020

Research

Was selected to present my research on using Twitter as a target for AI sentiment analysis as a way to predict stock market trends at the George Mason Honors College Research Fair.

2022