

EDUCATION

Montgomery Blair High School

Silver Spring, Maryland

Science, Mathematics, Computer Science Magnet Program

Activities: Blair Hack Club (VP), System Operator of school servers, Silver Chips

Online (Photographer)

August 2020 – June 2024

GPA: 4.0

WGPA: 4.84

EXPERIENCE

Junior Contributor

Hack Club Bank | Remote

October, 2022 – Present

- Implement new features and fix bugs on Hack Club Bank using Ruby on rails
- Worked closely with a mentor in developing and testing new features

Director of BlairHacks

BlairHacks | Silver Spring, MD

May, 2021 – Present

- Co-lead a team of 20 in logistics, outreach, finance, and tech
- Reach out and coordinate with sponsors to raise money for our event
- Work on building/maintaining the website & portal for our event using Next.js and Firebase

Software Engineering and IT Intern

International Software Systems Inc. | Greenbelt, MD

June, 2022 – August, 2022

- Worked on developing a web application using the Python Django framework (with Postgres)
- Installed and configured Unifi Access points to improve WiFi coverage throughout the office
- Installed Windows Server 2019 and upgraded a server to act as a new domain controller

STRENGTHS & SKILLS

- Full-Stack Web Development
- Server Management
- Adaptability/Flexibility

React

Typescript/Javascript

Python

Django

Pandas

Matplotlib

Git

Linux

Docker

HTML

Node.js

Firebase

CSS

Ruby

Rails

Postgres

ACCOMPLISHMENTS

- Developed Grade Melon (1K+ visitors each day)
- Best in Show | Codeday DC (2022)
- Best UI Hack | MocoHacks Hackathon (2021)
- AP Scholar
- Congressional App Challenge Winner in MD-03 (2019 & 2020)
- American Computer Science League Finalist (2020 & 2021)

COURSEWORK

- Analysis 1 (Calc BC)
- Analysis of Algorithms
- Algorithms and Data Structures
- AP Computer Science A
- Intro AI with Python
- Modeling and Simulation
- Future of Programming Languages
- AP Statistics
- Quantum Physics
- Intro to Networking