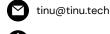
TINU VANAPAMULA

STUDENT & SOFTWARE ENGINEER







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 I 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

May, 2021 - Present

BlairHacks | Silver Spring, MD

- · 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

June, 2022 - August, 2022

International Software Systems Inc. | Greenbelt, MD

- 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 **HTML** Git Linux Docker Node.js Firebase CSS Ruby Rails Postgres

ACCOMPLISHMENTS

- Developed Grade Melon (1K+ visitors each day)
- Best in Show | Codeday DC (2022)
- Best Ul 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 Al with Python
- Modeling and Simulation
- Future of Programming Languages
- AP Statistics
- Quantum Physics
- Intro to Networking