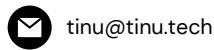# TINU VANAPAMULA

## STUDENT & SOFTWARE ENGINEER

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## ABOUT ME

Hi, I'm Tinu Vanapamula. I'm a junior at Montgomery Blair High School interested in all things tech. I'm interested in full-stack web development, engineering, server management, and a variety of other topics. In my spare time, I like to play chess and work with my homelab.

## EDUCATION

**Montgomery Blair High School**     September 2020 - June 2024

Silver Spring, Maryland     GPA: 4.0

WGPA: 4.81

Science, Mathematics, Computer Science Magnet Program.
BlairHacks (Director), Blair Hack Club (VP), System Operator

## EXPERIENCE

**BlairHacks Director**     May, 2021 - Present

Silver Spring, MD

- Co-lead a team of 20 in logistics, outreach, finance, and tech
- Work in sponsor outreach to raise money for our event
- Work on building/maintaining the website/portal for the 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 Unifi Access points to improve wifi coverage throughout the office
- Installed and configured a Unifi Controller to manage the Unifi Access points
- Installed Windows Server 2019 and upgraded a server to act as a new domain controller

## STRENGTHS & SKILLS

- Full-Stack Web Development
- Server Management
- Problem Solving

Javascript

Python

Java

`React.js`  `Django`  `Linux`  `Docker`

`Postgres`  `Firebase`  `Git`  `Node.js`

## COURSEWORK

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