

# Natnael Balcha

Falls Church, VA 22041 · (571) 277-2658 · nbalcha@gmu.edu

---

## SUMMARY

A **junior** undergraduate student at **George Mason University**, pursuing a **computer science** degree with a **3.67 GPA**. I served in the **U.S. Air Force** for 4 years and gained skills in leadership, teamwork, and professionalism amongst many others and discharged **honorably** as a **Senior Airman**. I am a **U.S. citizen** and while serving in the military, I have held a **security clearance**, and I am willing to acquire any clearance asked of me.

## EDUCATION

George Mason University, Fairfax, VA

Expected: **May/2025**

### Computer Science

**GPA: 3.67**

- Data structure and Algorithms in JAVA
- Software engineering
- Low-level programming in C
- Web development

Northern Virginia Community College, Annandale, VA

Graduation May/2023

### A.S Computer science

GPA: 3.67

### A.S Science/Mathematics

GPA: 3.56

- Received associate degrees in computer science and mathematics.
- Graduated as an honor roll student.

## SKILLS

- **Java** (OOP, data structure & algorithms, frameworks, JVM architecture)
- **Version control (Git)**
- **C** (Memory management, File I/O, Makefile, typescript, pointers)
- **Security+**
- **JavaScript** (HTML & CSS)
- **Linux**
- **ReactJS** (context API, hooks, routers, state management, react performance optimization)
- **PostgreSQL** (statement fundamentals, conditional expressions and procedures, JOINS, GROUPS)
- **Visual Studio Code**

## EXPERIENCE

Freelance

Aug/2021 - Dec/2023

### Web Developer

- Created an e-commerce website built with React, it boasts a sleek and modern design that ensures a seamless shopping experience that can be accessed on any device or screen size.
- Designed and programmed a cryptocurrency website that allows users to check the price of any cryptocurrency in real-time. It uses API to access a real-time data as well as gives history on any coin with a history of up to a year.
- A vanilla JS restaurant menu website that allows users to interact with the restaurant's menu. It has a slick design with an appealing color combination that is welcoming and appetizing. It gives users the option to view the website in dark mode transforming the website's fonts and colors to reduce eye strain.

U.S. Air Force

Dec/2015 - Dec/2019

### Maintenance Technician and IT support

- A Senior Airman in charge of maintaining and repairing over 300 vehicles and aircraft accessories, valued at up to \$1,000,000,000 billion dollars, while also providing technical support for my squadron of over 2000 personnel in troubleshooting and maintaining government computer issues using **Ping**, **Ipconfig/ifconfig**, **Nslookup**, **Tracert/traceroute**, **PuTTY** and **Subnet** and **IP Calculator**.
- Enabled cost savings of over \$1,000,000 annually by preventing vehicle and aircraft part malfunctions. Ensured uninterrupted military operations during computer malfunctions in the workspace.