

Amanuel Tesfaye

US Citizen | tesfayee.amanuel@gmail.com | (571) 278-0273 | LinkedIn: [Amanuel T.](#) | GitHub: [amantesf](#)

EDUCATION

Columbia Heights Educational Campus

Washington, DC

Student

Expected Graduation, June 2025

- **GPA:** 4.28/5.00 (Salutatorian)
- **Coursework:** AP Calculus BC & AB, AP Computer Science A & Principles, AP English Language and Composition, AP Physics 1, AP Seminar, AP African American Studies
- AP Calculus AB: 3
- AP Computer Science Principles: 4
- AP English Language and Composition: 3
- AP Seminar: 3
- AP African American Studies: 4
- AP Scholar
- National African American Recognition Award

PROJECTS

RFID-LED

Personal Project

July 2024

- Developed an Arduino robotics project that implements an RFID card reader, RGB LED and an LCD Display for access control.
- Programmed system to verify RFID codes and display "Access Granted" or "Access .Denied" messages, with LED feedback for authorization status.

ACTIVITIES

Technology Student Association (TSA)

Washington, D.C

President

September 2024 - Present

- Led team members in technology competitions, including robotics, Boolean algebra, and tech trivia, from regional to national levels.
- Ensured consistent engagement and preparation throughout the competition process.

Bread For the City

Washington, D.C

Volunteer (Community Service)

Jun - July 2023 (140 Hours)

- Assisted in stocking and distributing food, clothing, and essentials to customers throughout Washington, D.C.

Afro-Caribbean Club

Washington, D.C

Secretary

October 2023 - Present

- Assisted in planning Afro-Caribbean school-wide events and celebrations while taking meeting notes on deadlines and ideas during weekly executive meetings.

Robotics

Washington, D.C

Vice President

October 2023 - Present

- Practicing robotics and developing projects such as an electric car through the use of engineering and coding.

Guitar/Music Club

Member

June 2024 - Present

- *Practiced various instruments such as the guitar, drums, piano. Practiced songs that incorporated these various instruments.*

Student Volunteer (PBLWorks)

July 2024

- Developed and managed project-based learning plans to help students develop personal statements for postsecondary education or career pathways.
- Coordinated project rubrics, milestones, and timelines using Microsoft Word and Excel, as well as communicated with school administrators. Earned a certificate of completion from PBLWorks.

STEM READY PROGRAM

October 2022- May 2024

Member

Washington, D.C.

- *Learnt STEM based skills through group challenges that incorporated teamwork, communication, and leadership*
- *Practiced coding and engineering through website development and building contraptions*

CERTIFICATION

Google Data Analytics Professional

Washington, D.C

Coursera

September 2024 - Present

- *Completed the certification through Coursera, developing data analysis and visualization skills.*

SKILLS

Technical: Visual Studio Code, Microsoft Office 365, Java, Python, Django, Arduino

General: Communication, Time Management, Leadership, Problem Solving