



Mihiretu Jackson

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SUMMARY

A creative and inquisitive Computer Science scholar, interested in software development and Data science. I am currently seeking an internship opportunity that would allow me to apply my skills and abilities within a challenging, growth-oriented position while continuing to build upon my academic foundation and skillset.

EDUCATION

Virginia State University,

EXPECTED May 2026

Petersburg, VA,

Bachelor of Science in Computer Science; 3.8/4.0 GPA

TECHNICAL SKILLS AND SOFTWARE PROFICIENCIES

Python • JavaScript • GIT • Swift/Swift UI • HTML • CSS • Design Thinking • Agile Methodology • R • Data Visualization/Analysis

PROJECT EXPERIENCE

Fall 2022

Email Management Application

Petersburg, VA

Developed an Email Management Application using Python

- Integrated the Gmail API to enable efficient email searching and management
- Implemented advanced email parsing with the email library to support various email formats, inline images, and attachments
- Enabled users to search for emails by keywords, view email details, and delete selected emails with ease.
- Utilized PySide6 for the application's interactive user interface (GUI) to ensure a smooth user experience.
- Implemented asynchronous email fetching to maintain application responsiveness during long searches.
- Prioritized security by handling OAuth2 credentials securely to protect user data

WORK EXPERIENCE

Summer 2023

Virginia State University

Petersburg, VA

Data Science for the Public Good Intern

Used data science to address real world issues in the health industry.

- Summer projects were focused on analysis of data provided by community stakeholders
- Participated in a two-week R data skills course at the start of the 10-week period
- Presented internship results at a symposium at the close of the program

September 2022 –Present

Virginia State University Propel Grant Project

Petersburg, VA

Undergraduate Application Developer

Member of an Apple and Propel sponsored project team to develop an application that can detect frustration in young readers and address it using artificial intelligence

- Researched the use of Apple watches when measuring data and presented those findings to the team
- Created video player using Swift programming language. The application has a built in video player that allows the user to directly pick videos from the files app and play them while at the same time having a functional camera feed that records them and later use that recording for AI training.
- Transcribing video and audio data to confirm their quality for future analysis
- Learning to use artificial intelligence tools to analyze video and audio data

ACTIVITIES & AWARDS

• HBCU Battle of the Brains Contestant 2023 • National Society of Black Engineers (NSBE) Member • 2023 Mr. Purple for The National Council Of Negro Women (NCNW) • VSU Coding Club Member • Crown Him Men's Leadership Program Member • 2023 BEYA AMIE Design Challenge VSU Team Member • NSBE's 49th Annual Convention Participant • 2023 BEYA STEM Conference Participant • VSU Hackathon Participant 2023 • TMCF 2023 Leadership Institute Scholar