Mihiretu Jackson
Current Address: 1 Hayden Dr, Petersburg, VA 23806
Permanent Address: 811 Arbor Park Place
202-556-6065 • mihiretujackson@gmail.coml

EDUCATION

Virginia State University, Petersburg, VA   EXPECTED May 2026
Bachelor of Science in Computer Science   GPA:3.8
VSU Honors Student

SKILLS AND PROGRAMMING LANGUAGE BACKGROUND

Python • Java • CSS • C++ • Design Thinking • Git • Digital Art • HTML • Swift

EXPERIENCE

VSU Propel Grant Project   August 2022 - Present
- Member of an Apple 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
- Transcribing video and audio data to confirm their quality for future analysis
- Learning to use artificial intelligence tools to analyze video and audio data

VSU Summer Transition Enrichment Program (STEP)   June– July 2022
Student Programmer
- Programmed a robot ball using Apple Swift programming language
- Robot used sensors to determine proximity from point to point in a pong game for the purpose of introducing / attracting students to Swift language

PROJECTS

• Jeopardy Game
- Made a Jeopardy game using Python Tkinter GUI interface
- The Game has columns which tells the Subject and rows that have their value. The user would click on the point value they want. A message box with the question and a text box will pop up.
- The participant types in a response and is able to see their score after getting a response from the computer

ACTIVITIES & HONORS

Member of National Society of Black Engineers (NSBE)   August 2022-Present

Member of Virginia State University Coding Club   August 2022–Present

Member of Crown Him men's leadership program   August 2022-Present
- Received career-based mentorship from VSU faculty members
- Interacted with a network of business professionals
- Learned to Mentor younger students

BEYA AMIE Design Challenge   January – February 2023
- Member of a design challenge team that innovated an idea to help advance minority institutions in the fields of STEM
- Did preliminary research and gathered data on the idea before presenting it at the BEYA conference

VSU Student Ambassador at Mission Tomorrow event   October 2022
- Introduced 8th grade students to computer science and engineering