**Mihiretu Jackson**

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**EDUCATION**

**Virginia State University (VSU)**, Petersburg, VA Expected May 2026

Bachelor of Science in Computer Science GPA: 3.8 (Honors List)

**EXPERIENCE**

**VSU Propel Grant Project, Virginia State University** August 2022 – Present

Computer Scientist Tool Team Member

* 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

**VSU AMIE Design challenge**

* 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

**PROJECTS**

* Jeopardy GUI
  + Made a Jeopardy game using python and GUI interface

**SKILLS**

|  |  |  |
| --- | --- | --- |
| * Python | * C++ |  |
| * Java * CSS | * Design Thinking * Git | * Digital Art * HTML |

**LEADERSHIP & ACTIVITIES**

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

VSU Student Ambassador at Mission Tomorrow event October 2022

* Introduced 8th grade students to computer science and engineering

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