

## FAVOUR ADESOYE

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## EDUCATION

**Virginia State University** - Petersburg, VA, USA  
Bachelor of Science in Computer Science

**GPA – 4.00**  
December 2026

## ACTIVITIES AND AWARDS

VSU Honors College • VSU Presidential Scholar • National Society of Black Engineers (NSBE) • Society of Women Engineers (SWE)  
• Trojan Takeoff Team (TTT) • Hackathon 1st runner-up • Color Stack • Rewriting the Code (RTC) • Google Developer Student Club

## TECHNICAL SKILLS AND SOFTWARE PROFICIENCIES

Python • Java • Java Script • HTML • CSS • Git • Web Development • Open CV • Django • React JS • Figma • Azure  
Machine Learning Services • Jira • Confluence • Agile Methodology • Microsoft Office & Visual Studio • Android Studios

## WORK EXPERIENCE

<b>Sabree Software Services</b>	<b>Software Development Intern</b> (Petersburg, VA)	Aug 2023 - Present
<ul style="list-style-type: none"><li>Utilized React, Java, MySQL, REST APIs, and version control to develop the front end and back end of a functional web application that provides financial solutions to businesses and increases productivity by 10%.</li><li>Worked with stakeholders to scope functional and technical requirements and formulated user stories.</li><li>Contributed to team discussions and brainstorming sessions to drive continuous improvement of the project.</li><li>Implemented Agile Scrum framework to manage project timelines, plan and review Sprints, and streamline development processes to facilitate collaboration within the team in iterative cycles.</li></ul>		

<b>Commonwealth Cyber Initiative</b>	<b>Machine Learning Research Intern</b> (Remote)	June 2023 – Aug 2023
<ul style="list-style-type: none"><li>Designed and implemented an image processing script using OpenCV, Python, and NumPy to calculate the porosity of shielding materials, resulting in 80% calculation accuracy and providing cost-effective method for assessing shielding material quality.</li><li>Demonstrated the capability to create and train datasets using Azure Machine Learning services for potential automation of porosity calculations.</li><li>Researched the development of conformal EMI shielding materials for 5G, 6G, and NextG technologies, focusing on their impact on Internet of Things (IoT) devices and cyber-physical systems.</li></ul>		

## PROJECT EXPERIENCE

**Trojan Alert App** - Hackathon

- Utilized Android Studios, firebase, Gmail API, and Java to create a notification system Mobile Application for my university, a better alternative to traditional email and SMS methods.

**Wilhelmina Boutique** - Personal project

- Built an online clothing store using the Django web framework. Designed templates using HTML, CSS, and JavaScript and used SQLite for the database.

## LEADERSHIP EXPERIENCE

<b>Virginia State University</b>	<b>Supplemental Instruction Leader</b> (Petersburg, VA)	March 2023 - Present
<ul style="list-style-type: none"><li>Led supplemental instruction sessions for the mathematics department that assisted students in comprehension of core mathematical concepts, resulting in a 40% increase in average quiz and test scores.</li><li>Worked closely with professors to align study sessions with the course curriculum and with students to determine each person's learning style and developed innovative study resources accordingly.</li><li>Implemented innovative learning activities that contributed to a 90% increase in the number of students passing courses with high DFW rates and to the university's effort to enhance retention rate by providing crucial support to students.</li></ul>		

<b>Virginia State University</b>	<b>Resident Assistant</b> (Petersburg, VA)	December 2023 - Present
<ul style="list-style-type: none"><li>Efficiently Managed administrative tasks including room condition reports, maintenance requests and incident reports in a timely manner, ensuring the safety and well-being of residents.</li><li>implemented college and campus living policies, promoting academic excellence and encouraging student involvement.</li><li>Served as a liaison between residents and university administration, advocating for resident needs and concerns while employing conflict resolution strategies, resulting in a reduction in dorm-wide conflicts.</li></ul>		

<b>National Society of Black Engineers</b>	<b>Diversity &amp; Academic Excellence Chairperson</b>	Feb 2023 - Present
<ul style="list-style-type: none"><li>Spearheaded diversity and inclusion initiatives, resulting in a 30% increase in the representation of underrepresented groups.</li><li>Developed academic support programs to assist chapter members in achieving their education goals, increasing members' GPA by ~20%.</li><li>Engaged in Executive board meetings to make and implement decisions to drive the chapter's success.</li></ul>		