



# FAVOUR ADESOYE

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## EDUCATION

Virginia State University - Petersburg, VA, USA

GPA – 4.00

Bachelor of Science in Computer Science, Honors College

December 2026

## ACTIVITIES AND AWARDS

- VSU Presidential Scholar • National Society of Black Engineers (NSBE) • Society of Women Engineers (SWE) • CodePath
- 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 • JavaScript • HTML • CSS • GIT • Web Development • Open CV • Django • 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) | August 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 – August 2023 |
| <ul style="list-style-type: none"> <li>• Designed an image processing script using OpenCV, Python, and NumPy to calculate the porosity of shielding materials, resulting in 80% accuracy and providing a 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

- |  |                              |                               |
|--|------------------------------|-------------------------------|
| <b>Jobby.com</b>   | <a href="#">Project Link</a> | Hackathon, Spring 2023        |
| <ul style="list-style-type: none"> <li>• Implemented HTML, Bootstrap, JavaScript, and CSS to develop an accessible, user-friendly, and responsive website to enhance job search, financial literacy, and connections with financial advisors.</li> </ul> |                              |                               |
| <b>Trojan Alert App</b>  | <a href="#">Project Link</a> | Hackathon, Fall 2023          |
| <ul style="list-style-type: none"> <li>• Utilized Android Studios, firebase, Gmail API, and Java to create a notification system for my university that served as a better alternative to emails and SMS.</li> </ul>                                     |                              |                               |
| <b>Wilhelmina Boutique</b>   | <a href="#">Project Link</a> | Personal project, Summer 2023 |
| <ul style="list-style-type: none"> <li>• Built an online clothing store using the Django web framework. Designed templates using HTML, CSS, and JavaScript and used SQLite for the database.</li> </ul>  |                              |                               |

## 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 SI sessions for the Math and CS department, assisting students in comprehending core concepts.</li> <li>• Worked closely with professors and students to align sessions with curriculum and determine distinct learning styles.</li> <li>• Implemented innovative learning activities, leading to a 90% increase in the number of students passing courses with high DFW rates and to the university's effort to enhance retention by providing crucial support to students.</li> </ul> |   |                         |
| <b>National Society of Black Engineers</b>   | <b>Diversity &amp; Academic Excellence Chairperson</b>  | February 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 within the chapter.</li> <li>• Developed support programs to assist members in achieving their education goals, increasing average GPA by ~20%.</li> <li>• Engaged in Executive board meetings to make and implement decisions to drive the chapter's success.</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>• Served as a liaison between residents and university administration, advocating for resident needs and concerns while employing conflict resolution strategies and reducing dorm-wide conflicts.</li> </ul>   |   |                         |

