

# FAVOUR ADESOYE

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## EDUCATION

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

**GPA – 4.00**  
December 2026

## TECHNICAL SKILLS AND SOFTWARE PROFICIENCIES

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

## 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 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>   |   |                              |
| <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 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>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 within the chapter.</li><li>Developed academic support programs to assist chapter members in achieving their education goals, increasing members' overall GPA by ~20%.</li><li>Engaged in Executive board meetings to make and implement decisions to drive the chapter's success.</li></ul>   |   |                              |
| <b>PROJECTS</b>  |   |                              |
| <b>Jobby.com</b> – Hackathon, Spring 2023  |   | <a href="#">Project Link</a> |
| <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> – Hackathon, Fall 2023   |   | <a href="#">Project Link</a> |
| <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> - Personal project  |   | <a href="#">Project Link</a> |
| <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>  |   |                              |

## ACTIVITIES AND AWARDS

VSU Honors College • VSU Presidential Scholar • National Society of Black Engineers (NSBE) • Society of Women Engineers (SWE) • Rewriting the Code (RTC) • Trojan Takeoff Team (TTT) • VSU hackathon 1<sup>st</sup> runner-up