

# OLUDOLAPO MOYOSORE ADEGBESAN

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## EDUCATION

|  |                               |
|--|-------------------------------|
| Whitworth University   | (Transferred out )            |
| Fisk University  | Expected Graduation: Dec 2026 |
| Bachelor of Science in Computer Science  | GPA: 3.76                     |
| Relevant Coursework: Windows Application Development   Data Structures and Algorithms   Internet Application Development   Networks   Database Management   Discrete Math   Calculus I &II |                               |

## TECHNICAL SKILLS

Languages: C/C++, Python, JavaScript, C# , HTML5/CSS, SQL  
Frameworks: React.js, Node.js, MySQL, Flask.py, Langchain, .NET  
Developer Tools: GitHub, Git, Docker, AWS, Firebase

## VOLUNTEER EXPERIENCE

|   |                              |
|---|------------------------------|
| Propel2Excel  | Remote                       |
| Software Developer  | June 2024 - September 2024   |
| <ul style="list-style-type: none"><li>Collaborated with a developer to implement a job API for the hiring board, accessing <b>200</b> jobs and increasing student applications by <b>20%</b>, using <b>JavaScript</b>, <b>SQL</b>, and <b>Python</b>.</li><li>Implemented a MySQL database to store data pulled from the job API, featuring it on the website and improving data management and accessibility by <b>10%</b>.</li></ul>                  |                              |
| HP Fowa Competition   | Remote                       |
| Engineering lead  | August 2024 - September 2024 |
| <ul style="list-style-type: none"><li>Led the development of a custom GPT integrated with 5 APIs (2 for jobs, 2 for housing, 1 for search and resume analysis) to assist minority students across multiple HBCUs with job and housing searches.</li><li>Collaborated with 5 engineers to test the tool with 3 users, improving their job search efficiency and securing 2nd place out of 15 teams in the competition.</li></ul>                         |                              |
| Develop for Good - Ashoka   | Remote                       |
| Software Engineer Intern  | May 2024 - August 2024       |
| <ul style="list-style-type: none"><li>Developed an AI-powered summary tool using Langchain and Python to compile information from fellows' websites and LinkedIn profiles, and provided details, reducing information retrieval time by 20%.</li><li>Implemented approval and rejection buttons and endpoints for internal users to manage data and sources from fellows' websites and links, increasing data verification efficiency by 10%.</li></ul> |                              |
| CompSciLib  | Remote                       |
| QA Tester   | August 2023 - December 2023  |
| <ul style="list-style-type: none"><li>Assured an intuitive academic tool by collaborating with a team of <b>30+</b> beta testers to guarantee software effectiveness and reliability through meticulous beta testing</li><li>Refined the AI Tutor by utilizing automated testing tools to identify <b>10+</b> problems and deliver targeted feedback, heightening content quality and user experience</li></ul>   |                              |

## PROJECTS

|   |  |
|---|--|
| <a href="#">Weather Extension</a>   <i>HTML/CSS, React.js, OpenWeatherMap API, GoogleMaps API</i>   |  |
| <ul style="list-style-type: none"><li>Developed a Chrome Extension leveraging React.js and OpenWeatherMap API to deliver real-time, location-specific weather updates, enhanced with Google Maps for improved visualization and navigation.</li><li>Integrated geolocation for personalized forecasts and implemented a voice feature to audibly announce weather conditions, complemented by a customizable dark mode, enhancing user accessibility and interaction.</li></ul> |  |
| <a href="#">PathFinderGPT</a>   <i>React.js, Flask.py, OpenAI API, TailwindCss</i>  |  |
| <ul style="list-style-type: none"><li>Constructed backend routes to deliver career roadmap data to the front end, enhancing the application's responsiveness and user experience, using <b>Flask</b> and integrating the <b>OpenAI API</b>.</li><li>Optimized dynamic forms, collaborating with a team to enable seamless user input collection and improve the full-stack application's functionality, using <b>React.js</b> and <b>Tailwind CSS</b>.</li></ul>                |  |
| <a href="#">Community Reach</a>   <i>HTML/CSS, JavaScript, Figma, AWS Rds, Python, MySQL</i>  |  |
| <ul style="list-style-type: none"><li>Architected "Community Reach," a web platform connecting communities through events. Built an engaging frontend (<b>HTML/CSS/JS</b>) and robust backend (<b>AWS RDS/MySQL</b>) to view and host events</li><li>Implemented <b>Flask</b> and <b>SQL</b> integration, enabling a dynamic backend for user interactions and real-time data updates. This ensures smooth event submissions, registrations, and community engagement</li></ul> |  |
| <a href="#">Text Frequency Analyzer</a>   <i>C/C++</i>  |  |
| <ul style="list-style-type: none"><li>Built a Text Frequency Analyzer to swiftly compute and analyze word occurrences in large texts, employing optimized algorithms and robust data structures to improve efficiency and precision</li><li>Enhanced the Word Frequency Analyzer by integrating sentiment analysis and diverse export options (CSV, JSON, TXT), enabling positive or negative assessments and flexible data sharing</li></ul>                                   |  |

## LEADERSHIP AND EXTRA-CURRICULAR ACTIVITIES

National Society of Black Engineers: Member (2022 - Present), International Student Organization: Member (2022 - Present), Major League Hacker (2023 - Present), Colorstack: Fellow (2023 - Present), Black Student Union: Treasurer (2022 - 2023), Community Outreach(2023 - 2024), Google Machine Learning Workshop: Participate (2022).  
2nd Place in HP Future of Work Academy(2024), 2nd Place MLH CivicHacks (2023) ICW-Board of Directors  
Scholarship(2023 - 2024),International Grant - UG(2021 - 2024): Awarded for academic excellence