

Kolade Alabi

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EDUCATION

The University of Texas Rio Grande Valley

Expected: May 2023

B.S. Computer Science

Major GPA: 4.0 | Cumulative GPA: 3.75

Coursework: Data Structures and Algorithms, Software Engineering I, Introduction to Data Science, Programming in Unix/Linux, Computer Science I/II, OOP in Python

Current Coursework: Advanced Data Mining & ML, Database Design & Implementation, Deep Learning, Automata

TECHNICAL SKILLS

Languages: Python (2yrs), C/C++ (2yrs), JavaScript (1-2yrs), Ruby (0-1yrs), R (1yr), HTML/CSS (2yrs)

Developer Tools: Git, Jira, Ruby on Rails, VS Code, Visual Studio, SQLite, Heroku

Libraries: pandas, NumPy, TensorFlow, Matplotlib, Scikit-learn, scipy, Flask

EXPERIENCE

Software Engineering Program, JP Morgan Chase

Houston, TX

Software Engineer

Anticipated Start: August 2023

Technology Internship Program, Capital One

McLean, VA

Intern

June 2023 - August 2023

The University of Texas Rio Grande Valley

Edinburg, TX

Undergraduate Research Assistant

Aug 2022 – Present

- Discovered novel applications of Transfer Learning by analyzing and drawing conclusions from 5 research papers on its applications in medicine
- Held multiple meetings with University professors to plan research project in preparation for a conference paper submission
- Researched optimal methodologies for predicting Alzheimer's in patients with blood samples

Peer-Led Team Learning Leader

Aug 2022 – December 2022

- Lead the Team Learning session for Computer Science 2 and developed weekly lesson plans by collaborating with class instructor
- Delivered insightful concept reviews, resulting in 89% retention of students from the original course

ACTIVITIES

Computer Science Summer Institute, Google

Remote

Online Participant

July 2022 – Aug 2022

- Participated in a 4-week intensive computer science summer program for high-achieving students
- Completed an introductory project-based HTML/CSS and JavaScript curriculum taught by Google engineers
- Configured 3 individual coding projects in JavaScript by using concepts such as data types and functions
- Attended product design, resume development, and software engineering interview workshops
- Delivered a collaborative final project presentation that included a live demonstration to Google employees and community leaders

PROJECTS

Wayfinder | Python, Flask, PythonAnywhere, HTML/CSS, JavaScript, Bulma

Aug 2022 – Present

- Collaborated with 2 other team members to complete the entire developmental process within 2 days and meet the submission deadline for Cohere AI Hackathon
- Employed Cohere AI's word embeddings, by way of a custom API making use of the Cohere embedding model, to enable semantic searching functionality

Obsidian Second Brain | Markdown, LaTeX

March 2021 – Present

- Nurtured a representation of knowledge gained within the last year, including academic education, personal learning, and academic research, to make better connections between concepts