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 (2yrs), Ruby (0-1yrs), R (1yr), HTML/CSS (2yrs)
Developer Tools: Git, Jira, VS Code, Visual Studio, SQLite, Android Studio
Libraries: pandas, NumPy, TensorFlow, Matplotlib, Scikit-learn, SciPy, Flask, Ruby on Rails, React

EXPERIENCE

Technology Internship Program, Capital One — McLean, VA
Incoming SWE 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

PROFESSIONAL DEVELOPMENT

Computer Science Research Mentorship Program, Google — Remote
Mentee — *February 2023 - Present*
- Selected to be a part of Google's CS Research Mentorship Program (CSRMP)
- Received computing research mentorship from a Google researcher
- Matched in a pod with other students who have similar research interests (Natural Language Processing)

Computer Science Summer Institute, Google — Remote
CSSI Scholar — *July 2022 – Aug 2022*
- Participated in a 4-week intensive computer science summer program for incoming college students led by Google engineers
- Engineered 16 webpages using JavaScripts, HTML/CSS, and Bulma including a collaborative final project presented to 30+ people including Google Employees

PROJECTS

NotifAI | *React, Python, Flask, PythonAnywhere, Android Studio, Expo*
- Collaborated with 2 other team members to complete the entire developmental process within 1 week 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 text summarization and the extraction of main ideas

Obsidian Second Brain | *Markdown, LaTeX*
- Nurtured a representation of knowledge gained within the last year, including academic education, personal learning, and academic research, to make better connections between concepts
- Amassed nearly 1000 notes covering subjects related to Computer Science