

# Kolade Alabi

kalabiprof@gmail.com | [linkedin.com/in/kolade-alabi](https://www.linkedin.com/in/kolade-alabi) | [github.com/Kalamojo](https://github.com/Kalamojo) | [Portfolio](#)

## 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

### Software Engineering Program, JP Morgan Chase

Houston, Tx

*Incoming Software Engineer*

*Expected Start: August 2023*

### 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