

# Damilare Obayanju

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## EDUCATION

**B.S, COMPUTER SCIENCE | DIXIE STATE UNIVERSITY |**

**Dec. 2020 (expected)**

*Relevant Coursework:* Distributed Systems, Introduction to Algorithms and Data Structures, Computer Organization and Architecture, Web Application Development, Graphics Programming.

*Campus Leadership:* Vice President of African Students Organization (2019)

**CODE SCHOOL |**

**Summer 2019**

Concepts Covered: JavaScript, Databases, Web Frameworks, Client & server-side web app development

## SKILLS

Languages (Programming/Scripting)	Javascript, C++, Python, Go, HTML, CSS, SQL
Libraries & Frameworks	Node.js, VueJS, Mongoose, MongoDB, ExpressJS
Technologies & Tools	Heroku, Nginx, UNIX, Git, Digital Ocean, FFMPEG

## EXPERIENCE

**WELLTHON, Software Engineer Intern**

**Jul 2020 - Present**

*Go, JavaScript, HTML, CSS*

Creating accessible personal training that helps people from general weight loss to Parkinson's rehabilitation, and much more

- Supported fullstack enhancement of at-home live video/audio streaming capabilities
- Architected a model of a feature, using [excalidraw](#), for mixing live audio with a video.
- Built a tool for testing audio and video files used for live streaming using HTML, CSS, Go and JavaScript.
- Wrote readable and accessible user documentation supporting teammates and other users on how to use the mixer service.
- Designed and implemented an API in Go language allowing the live mixer to be used by anyone.

**DIXIE STATE UNIVERSITY, Lab Assistant**

**Aug. 2020 - Present**

*St. George, Utah*

*Python, C++, HTML, CSS*

- Assisted 20+ students over the semester with understanding the Python programming language.

**Teaching Assistant - Programming in C++**

**Aug 2019 - Dec 2019**

- Taught students techniques to debug the professor's C++ code and troubleshoot student questions

## PROJECTS

**WRITE FREELY (2000 ★ on Github) | Golang | [github.com/writeas/writefreely](https://github.com/writeas/writefreely)**

**Oct. 2020**

- Open source project where I took initiative to learn how to navigate a large codebase.
- Debugged an online text editor used to write articles and fixed a bug.

**ELEVENTY (7000 ★ on Github) | JavaScript | [github.com/11ty/eleventy](https://github.com/11ty/eleventy)**

**Oct. 2020**

- Open source project where I took initiative to learn how static site generators work.
- Debugged a static site generator code and fixed a bug.

**JAVASCRIPT CODE SEARCH | Golang, Fiber, JavaScript,**

**Apr. 2020**

*HTML, CSS | [github.com/obayanju/felastab](https://github.com/obayanju/felastab)*

- Built a simple interpreter that reads JavaScript code.
- Built API using Fiber and Go to send and receive tokens.
- Implemented an optimal search algorithm that searches thousands of tokens.

**JOB APPLICATION TRACKER | JavaScript, VueJS, HTML, CSS, Passport,**

**Oct. 2019**

*MongoDB, Mongoose, ExpressJS, Webpack, Heroku, Chart.js | [github.com/job-app-tracker/job-app-tracker](https://github.com/job-app-tracker/job-app-tracker)*

- Created a full-stack web app running on Heroku to make tracking job applications less painful.
- Implemented drag and drop feature using a Vue library.
- Built API using ExpressJS, Mongoose, and Node.JS to connect the front-end to the back-end.
- Guided the team on Git and GitHub best practices.
- Automatically detected logos to companies using Clearbit logo API.