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ADOGBEJI IBORI

ADOIBORI.COM

PROFESSIONAL SUMMARY

Computer Science and Engineering student at UC Irvine with a passion for building interactive, user-focused applications. Experienced in full-stack development, cloud infrastructure, and teaching programming fundamentals. Actively developing real-time algorithm visualizations and full-stack apps.

TECHNICAL SKILLS

JavaScript

TypeScript

React

React Native

Next.js

HTML/CSS

Node.js

REST APIs

Firebase

PostgreSQL

AWS S3

Jest

Cmake

Git

UI/UX Design

Responsive Layout

Accessibility (A11y)

Python

Java

C++

LINKS

Pathfinding Algorithm Visualization Tool

Sorting Algorithm Visualization Tool

Portfolio

EDUCATION

SEP 2021 - JUN 2026

B.S. Computer Science and Engineering, University of California, Irvine, Irvine, CA

WORK EXPERIENCE

NOV 2021 - MAR 2022

Lead Application Developer, Consense, Irvine, CA

- Designed and developed a responsive full-stack **mobile app** enabling **GPS navigation** and **Bluetooth communication** with proprietary hardware using **React Native**.
- Integrated **Firebase** as a NoSQL backend to store real-time data on cyclist-vehicle interactions.
- Led Git workflows and supported less experienced developers with **version control** and **unit testing** using **Jest**.

MAR 2019 - MAR 2021

Project Leader, Summer Express, Houston, TX

- Taught fundamental programming using **Scratch** to refugee children in a summer camp environment.
- Individually tutored students in Math, Science, and Language Arts.
- Organized enrichment activities, including field trips (e.g., Houston Zoo) to promote STEM learning.

JUN 2020 - AUG 2020

Intern, Strohmeyer Law, Houston, TX

- Enhanced website accessibility (A11y), SEO, and responsiveness via **HTML/CSS** improvements.
- Collaborated with a team to update and manage legal probate data.

PROJECTS

Pathfinding Algorithm Visualization Tool

PATHFINDING-VISUALIZATION.NETLIFY.APP/

- Built a React Single Page Application to generate and solve mazes using **Prim's MST**, **DFS**, and **BFS** with real-time visualization.
- Users can either generate mazes or create them by hand.
- Stack: **React**, **JavaScript**, **HTML/CSS**.

Sorting Algorithm Visualization Tool

SORTINGALGORITHMVISUALIZATION.NETLIFY.APP/

- Developed an interactive React-based visualization of sorting algorithms including **Bubble**, **Insertion**, **Gnome**, **Merge**, and **Bogo** sort.
- Allowed users to input arrays and adjust animation speed.
- Stack: **React**, **JavaScript**, **HTML/CSS**.

COURSES

Responsive Web Design at FreeCodeCamp

Javascript Algorithms and Data Structures at FreeCodeCamp

Backend Development and APIs at FreeCodeCamp