

# ALAMEEN ADEKU

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## EDUCATION

### Southeastern Louisiana University

Bachelor of Science in Computer Science, Minor in Mathematics GPA-**3.95**

Hammond, LA

Aug. 2023 – May 2027

**Relevant coursework:** Data Structures and Algorithms, Object Oriented Programming, Software Engineering, Database Systems.

**Awards:** Southeastern Honors Scholar, Southeastern President's & Dean's List, MAA Integration Bee Competition winner, Sophomore Honors Distinction.

## PROJECTS

### Fitness Tracking Application | .NET, C#, React, TypeScript, Mantine UI

- Collaborated with a team of four to develop a full-stack web Fitness tracking application using **C# & .NET EFCore** on backend and **React, Typescript** on Frontend.
- Designed Db diagram and modeled backend endpoints using **ASP.NET** to facilitate seamless communication with frontend
- Implemented a user dashboard with meal tracking, workout planning and logging, and goal tracking features by integration of **React Router** for front end route and Fetch API to obtain data from backend.
- Improved User Interface using **Mantine UI** for visually appealing Components, Responsive Design, Performance, Optimization, and Form validation.

### EWA Natural Haircare Brand Website | Next.js, Tailwind CSS

[Github](#)

- Designed a modern, responsive website for EWA, a natural haircare brand focused on thoughtfully crafted products to nourish natural hair.
- Created mobile-first responsive design with seamless cross-device functionality using **Tailwind CSS**.
- Deployed responsive web application to production using **Vercel**, providing customers with fast, reliable access to the webpage.

### Movie Tracking & Discovery Application | React, Node.js, PostgreSQL, Tailwind CSS

[Github](#)

- Developed a full-stack movie tracking application for film enthusiasts to log, rate, and discover movies.
- Built backend infrastructure with **Node.js, Express, PostgreSQL**, seeding 100+ movies via TMDB API
- Integrated **GitHub OAuth** authentication using Passport.js and set up frontend with **React & Tailwind CSS**

## EXPERIENCE

### The Energize Project

November 2024 - Present

Administrative & Student Teaching Assistant(Hybrid)

- Developed targeted assessment questions aligned with Praxis objectives and state standards, enhancing recruitment
- Delivered **1-on-1** tutoring sessions focused on Functional and Object Oriented paradigms in Java.
- Developed digital study guides and practice sets, streamlining preparation for **40+ students**.

### Southeastern Math Department

August 2025 - Present

Math tutor

Hammond, LA

- Tutored undergraduate students in topics ranging from College Algebra to Elementary Statistics.
- Guided students during Math Lab sessions, offering academic support and recommending resources for learning.

## TECHNICAL SKILLS

**Languages:** Java, Python, C#, SQL, JavaScript, HTML/CSS.

**Developer Tools:** React, Node.js, Express, ASP.NET, Next.js, Supabase, Render, Mantine-UI, Tailwind CSS, NumPy, Pandas, Matplotlib, Bootstrap, Git

## LEADERSHIP AND EXTRACURRICULAR

- Represent the College of Science and Technology as an **Ambassador**, assisting first-year students in exploring career paths in Computer Science and supporting the setup, execution, and wrap-up of college events.
- Lead orientations as an International Students Union (ISU) **Ambassador**, guiding incoming students and contributing to the planning and execution of events that foster cultural inclusivity.