Alex Bui

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Education

California State University, Fullerton   *December 2024*

    B.S in Computer Science

Coursework: Data Structures, Algorithms, Databases, Software Engineering, Operating Systems, Android Development, Blockchain technologies, Artificial Intelligence, Object-Oriented Programming, Network Communications

Experience

Jersey Mike's Subs - Supervisor   *August 2022 - Current*

- Established robust communication channels between management and staff to consistently uphold and exceed store standards.
- Demonstrated exceptional leadership, earning a promotion to supervisor within 6 months of being hired, now overseeing a team of 3-5 employees.

Projects

Smart Scheduling Web App   October 2024 - December 2024

https://github.com/Bui-Alex46/Agendify

- Developed a dynamic web app using React and Tailwind CSS to optimize daily schedules, incorporating weather, commute times, and task priorities.
- Integrated backend features, including Google Calendar synchronization, Google Authentication, and real-time traffic and weather APIs.
- Implemented a flexible scheduling system powered by a greedy optimization algorithm to provide alternative options and maximize user productivity.

Pilates Business Website - Full Stack Developer   *April 2024 - June 2024*

https://github.com/Bui-Alex46/Pilates-Website

- Developed a comprehensive full-stack website for an online pilates business, facilitating appointment bookings, payment transactions, and lead generation.
- Refined the website and enhanced user experience using Material UI components and CSS properties.
- Integrated Stripe API for secure and efficient payment processing.

Travel Companion Web App - Front End Developer   *November 2023- December 2023*

https://github.com/Bui-Alex46/Travel-Companion-App

- Implemented React and Google Map React for personalized suggestions of nearby restaurants, hotels, and attractions based on user coordinates.
- Engineered personalized travel experiences by developing user accounts with React and Material-UI, allowing users to save favorites and receive tailored recommendations.
- Integrated RapidAPI to deliver up-to-date travel advisory information, enhancing user safety and decision-making, and successfully deployed on Netlify for easy accessibility.

Twitter Clone - Full Stack Developer   *July 2023 - August 2023*

https://github.com/Bui-Alex46/social-media-clone

- Replicated a subset of components that make up Twitter's platform utilizing React JS for the front-end development and Firebase for backend services, achieving 90% feature parity with the original platform.
- Reduced user search time by 50% through the development of a search engine generator with optimized Firebase querying methods.
- Integrated and updated timeline functionality by leveraging Twitter's API.

Activities

Blockchain Developer Bootcamp 2.0 - Dapp University   **Hackathon -** Stanford Treehacks 2023

Technical Skills:

Languages: JavaScript, C++, Python, HTML, CSS, Solidity
Frameworks and Tools: ReactJS, ExpressJS, NodeJS, EtherJS, Git version control, Hardhat, Postman, Firebase, Rest API, Redux
Databases and Deployment: SQL, MySQL, PostgreSQL, MongoDB, AWS E2, Netlify