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EDUCATION

California State University, Long Beach

Graduation: May 2023

B.S., Computer Science

- Coursework: Data Structures, Algorithms, Java, C++, User Interface Design, Artificial Intelligence, Cybersecurity

PERSONAL PROJECTS

JobTrak

[LIVE APP](#) | [VIEW CODE](#)

- Developed a full-stack web application using the MERN stack that allows users to keep track of all of their job applications. Users can add jobs, edit application statuses, and view a summary of all their application statuses.
- Built a back-end server using Node.js and Express.js, set up a MongoDB database, and connected it to the front-end.
- Set up nested pages and protected routes using React Router 6, and implemented search/filtering functionalities.
- Tested all CRUD functionalities using Postman, implemented JsonWebToken for authentication/authorization.
- **Tools Used:** MongoDB, Express.js, React.js, Node.js, HTML, CSS

UBus

[LIVE APP](#) | [VIEW CODE](#)

- Developed a full-stack bus ticketing web app that allows users to view bus routes, select seats, and purchase tickets.
- Used Stripe for payment integration, set up the database using MongoDB, and used Redux for state management.
- Implemented separate admin panels for creating/editing buses and managing user permissions.
- Implemented seat availability checking, ticket printing functionality, and handled negative payment scenarios.
- **Tools Used:** MongoDB, Express.js, React.js, Redux, Node.js, Stripe, HTML, CSS

CarBuildz

[VIDEO DEMO](#) | [VIEW CODE](#)

- Developed a full-stack social media web app that lets users post images, add/remove friends, and like/unlike posts.
- Built a back-end server using Node.js, Express.js, and used MongoDB as cloud storage for all data.
- Developed a user-friendly and intuitive UI using React, Material-UI, and Redux for state management.
- Implemented separate pages for viewing all posts and viewing other users' profiles using React Router.
- **Tools Used:** MongoDB, Express.js, React.js, Redux, Node.js, HTML, CSS

SKILLS

- Java, C++, Python, JavaScript, React, Node, Express, MongoDB, SQL, HTML, CSS, Git

RELEVANT EXPERIENCE

Supplemental Instructor for Data Structures Course

Aug 2020 - Dec 2020

Cypress College

- Created assignments and review handouts for students, with professor's guidance.
- Held weekly sessions via Zoom for ~20 students where they completed assignments, asked questions, and reviewed for exams. Students who attended SI sessions had on average a 7% higher grade than students who didn't attend.