

SKILLS

Technical Skills:

- **Programming Languages:** Python, Javascript, C#, HTML, CSS, Java, C, C++, Typescript
- **Front-End:** React.JS, Next.JS
- **Back-End / Other:** Node.JS, Express.JS, MongoDB, MySQL, Tensorflow.JS, Tailwind, Bootstrap, Git, Github, Window, Linux, Visual Studio Code, Android Studio

Professional Skills:

- Leadership
- Communication skills
- Collaboration
- Problem-solving
- Time Management

Projects

Bookuter, Website E-Commerce Bookstore

- Utilized Next.js as the front-end framework to implement server-side rendering, improving the website's performance and SEO. This allowed for efficient data fetching from the server.
- Utilized Express.js as the server framework to handle data and communication between the database and user-interface, ensuring smooth user interactions.
- Employed MySQL as the SQL database to efficiently store and retrieve product and user information.
- Implemented a structured and maintainable codebase by adhering to the MVC (Model-View-Controller) design pattern, facilitating efficient data handling between the database and user interface.

Sound Lab, Music Streaming Platform

- Proficiently leveraging Node.JS and Express.JS, I developed a robust server on the back-end that effectively communicates with the Spotify API.
- Utilizing React.JS, I adeptly managed all routes and functions, seamlessly facilitating data retrieval from the server and delivering it to the user interface.

Weather App, Android App

- Utilized Java programming language to develop a weather application enabling users to access real-time weather information.
- Implemented API integration for weather forecast data retrieval, presenting users with comprehensive weather results encompassing the current day and the subsequent five day

Stop Touching Face, Machine Learning AI

- Utilized the TensorFlow.js' KNN-Classifer and MobileNet libraries to architect a basic artificial intelligence system in facial recognition, empowering the system to discern and interpret user facial cues.
- Conducted rigorous training of the aforementioned AI system to accurately detect and alert users whenever facial touch or hand-lowering actions were exhibited, thereby ensuring proactive user guidance and prompt notifications.

EDUCATION

Fullerton, CA	Cal State Fullerton	Expected in December 2024
• B.S in Computer Science		
Costa Mesa, CA	Orange Coast College	Graduated in June 2022
• A.A in Computer Science (OCC Honor's List Fall 2020 Spring 2021)		