

TECHNICAL SKILLS

Languages: JavaScript, Python, C++, HTML5, CSS3, SQL

Front End: React / Redux, Three.js, Tailwind, WebSockets

Back End: Express, Sequelize, PostgreSQL, Flask SQLAlchemy, Alembic, Node.js, MongoDB,

EDUCATION

AppAcademy: Software Engineering Program

2022 - 2023

San Francisco State University: Computer Science

2021 - 2022

Napa Valley College: A.S Math, A.S Physics

2017 - 2021

PROJECTS

Raynian: Frontend Developer (MongoDB, Express, React, Node.js, Javascript) | [Github](#)

2023

- Contributed to the app's front-end development, emphasizing user interaction and experience.
- Designed and implemented modular in-house components to build dashboard functionalities and user customizability such as timer/alarm/background settings alongside menus and modals.
- Practiced AGILE development workflow through team communication and self-organization

SeaBnB: FullStack Developer (Sequelize, Express, React / Redux, Javascript) | [Github](#) [Live](#)

2023

- Created a near-pixel-perfect Airbnb clone with a Spongebob-themed twist.
- Designed a database schema and crafted RESTful API documentation, emphasizing CRUD operations

Accord: FullStack Developer (SQLAlchemy, Flask, Flask-Socketio, React / Redux, Javascript, Python) | [Github](#) [Live](#)

2023

- Collaborated within an Agile team framework to develop a Discord-inspired application.
- Played a pivotal role in end-to-end development, from designing wireframe mockups in Figma to translating it to React.
- Architected a cohesive relational database, linking users, servers, and channels by meticulously designing schema models via SQLAlchemy.
- Devised an effective state management system with Redux, enhancing data flow efficiency across the application for accelerated load times and more intuitive access.
- Introduced a peer-to-peer communication infrastructure enabling real-time interactions among users, facilitated by FlaskSocketIO's WebSocket capabilities.

HeartBeats: FullStack Developer (Sequelize, Express, React / Redux, Javascript, Spotify API) | [Github](#) [Live](#)

2023

- Developed a music recommendation application using Spotify's API, tailored to reflect the mood captured in a user's journal entry, with a keen focus on responsive design.
- Engineered an algorithm to evaluate the emotional tone of journal entries based on factors such as length, punctuation, keyword frequency, and text capitalization.
- Architected a comprehensive database structure to seamlessly manage associations between songs, artists, genres, playlists, journals, and user profiles ensuring streamlined data retrieval.
- Integrated Spotify Web Authentication, enabling users to access the site via their Spotify credentials or connect their existing accounts to Spotify.

WORK EXPERIENCE

In-N-Out: Lead Cleanup

December 2021- Present

- Optimized and refined daily operational routines to enhance speed and efficiency, aligning with the District and Store Manager's vision.
- Independently managed inbound deliveries and ensured the store's presentation ahead of business hours.
- Developed an onboarding manual for new associates to improve retention rates and performance.

Kumon: K-12 Lead Primary Instructor

January 2022 - July 2022

- Facilitated the comprehension of Reading, Writing, and Math assignments for students in grades 2-12.
- Conducted personalized sessions with Pre-K to 1st-grade students, enhancing their foundational reading and math skills.

Dunkin: Lead

Present 2016 - 2020

- Assisted in the training and launch of several locations under a single franchisee.
- Managed inventory, prepared for future shifts, monitored sales performance, and tracked discrepancies.