

SKILLS

- **Languages:** JavaScript, Python, HTML5, CSS3
- **Software:** React, Redux, Express.js, Node.js, Flask, SQLAlchemy, PostgreSQL, AWS S3, WebSockets
- **Tooling:** Docker, Heroku, Git

PROJECTS

Soundbook | (JavaScript, Python, React, Redux, Flask, AWS, WebSockets, HTML5, CSS3)

[Live](#) | [Github](#)

- Successfully created and utilized a **PostgreSQL** database to store all relevant information for users
- Incorporated **AJAX** to make **API** calls to the backend server so that the data on the frontend renders dynamically to improve **UI** by eliminating unnecessary load times.
- Verified user by matching existing user credentials in the database before the user is authorized to access the protected routes and make **API** calls.
- Integrated **AWS S3** storage to allow users to conveniently upload photos directly from their local machine instead of requiring the user to enter the raw HTML addresses for each photo
- Implemented **WebSockets** to improve **UI** so users will receive live updates from other users

Vybze | (JavaScript, Python, React, Redux, Flask, HTML5, CSS3)

[Live](#) | [Github](#)

- Utilized the **Redux** store to manage the audio state; it allowed the music to continuously play as the user navigated across the different pages.
- Implemented a live search bar that allowed users to search for their favorite songs by querying the **PostgreSQL** database on every input change in the search bar.
- Oversaw a team of 4 and successfully implemented the social aspect by utilizing **Flask** and **SQLAlchemy** on the backend and **Social Routes** on the frontend to display the web of user connections.

Photo Finder | (JavaScript, Express, React, Redux, HTML5, CSS3)

[Live](#) | [Github](#)

- Integrated **React** and **Redux** to store user state to improve **UI** by allowing for smooth transitions and quick load when users navigate through the site.
- Improved **UX** by creating a custom sort function that sorted user bookings chronologically
- Utilized **JSON Web Tokens** and **CSRF** protection to authenticate users on login and to protect form submissions from CSRF attacks.

EXPERIENCE

Associate Financial Auditor

Cooperative Strategies, Irvine, CA

Jun 2018 - Jan 2020

- Conducted financial audits for 15 school districts located throughout Southern California
- Constructed payment models and projected future payments based on records from the county auditor controller
- Discovered a discrepancy in the county document which saved school districts in the LA area over one million dollars in property tax revenue

Project Coordinator

Quest Software (Insight Global), Aliso Viejo, CA

Apr 2017 - Sep 2017

- Updated, maintained, and analyzed data to fix the inconsistencies among the invoice databases.
- Utilized Excel to generate weekly reports and monitor and verify hours entered by internal and external employees.

Data Analyst

HAP Financial Services, Irvine, CA

Aug 2015 - Apr 2017

- Analyzed and interpreted loan data to generate reports for financial and operational needs.
- Developed mathematical models with C++ to assess risks on loans based on set guidelines.

EDUCATION

App Academy - Rigorous 1000-hour full-stack web development course with < 3% acceptance rate, 2022

University of California, Davis - BS Mathematical and Scientific Computation, 2010-2014