

# Tristan Huckabee

Full Stack Software Engineer

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**SKILLS**    React.js, Redux, Python, Flask, JavaScript, Express.js, SQL, Git, HTML5, CSS, Heroku, Node.js

## PROJECTS

### Solder

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

*A website for buying and selling electronics/accessories, built with **React, Alembic, Docker, SQLAlchemy and Flask***

- Isolated the Redux store to only retrieve data when viewing an item's page, decreasing the data in the store when browsing
- Utilized custom Javascript functions to create a 5-star review system to give users an intuitive experience
- Facilitated multi-image user uploads with Amazon Web Services (AWS) reducing server load and allowing for scalability of image services

### Strife

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

*A web-chat website, built with **React, Alembic, Docker, SQLAlchemy and Flask***

- Collaborated with a team of 4 engineers using **Git** workflow to maintain code and minimize merge conflicts
- Optimized Redux state by flattening data allowing for O(1) lookup time and reducing load times
- Leveraged WebSockets to display chat messages in real-time for seamless communication between users

### BeatDown

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

*A website for sharing and listening to music, built with **Express, Postgres, Sequelize and React***

- Integrated NPM Packages with Redux's Store to create a seamless audio experience while navigating the website
- Harnessed the unidirectional state management of Redux to simplify React components and manage form data resulting in faster load times
- Maintained 3rd-party cloud storage to eliminate the complexities of binary large objects in database

### Vinyl

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

*A website for discussing music, built with **Express, Postgres, Sequelize and Pug***

- Implemented modals using JavaScript event-listeners and CSS3 to facilitate an intuitive UX / UI
- Leveraged Sequelize queries in a sorting algorithm to display the most popular posts on the splash page

## EDUCATION

**App Academy** - Immersive software development course with focus on full stack web development (Dec 2021 - June 2022)

- Rigorous 1000-hour software development course with <3% acceptance rate
- Topics: Test Driven Development, scalability, algorithms, OOP, REST, security, single-page apps and web development best practices
- Experienced 300+ hours of pair programming

**University of Texas at Arlington** (Aug 2020 - May 2021)

- Coursework in Computer Science Engineering

## EXPERIENCE

### Security Supervisor

*Securitas Security Services USA*, Aug 2014 - Dec 2021

- Coordinated with clients, law enforcement officials and sub-contractors to establish / maintain security of 5+ facilities (including 2 hospitals, 1 data center, and 2 aviation simulation facilities)
- Acted as dispatch for international companies related to healthcare and aviation, to ease communication between facilities and decrease response time of technicians by an average of 15 minutes
- Frequently communicated with personnel scheduled at conflicting times through use of written records such as shift reports, pass-down, and weekly announcements
- Reassessed protocol and deployed site orders to compensate for events beyond our control or changes in company policies