

# TIM PADGETT

[Portfolio](#) [LinkedIn](#) [Github](#)

tim\_padgett@yahoo.com (314) 749-1213

San Francisco, CA

## SKILLS

JavaScript/ES6+, React, Redux, HTML, CSS3/SCSS, Ruby, Ruby on Rails, Mongoose, MongoDB, Node.js, Express, PostgreSQL, Webpack, jQuery, Git, Heroku, SCSS, Canvas, Git/GitHub

## PROJECTS

**defibase** (JavaScript, React / Redux, Ruby / Rails, HTML, CSS, Recharts.js, PostgreSQL)

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

*Coinbase clone, allowing users to discover and track top cryptocurrencies*

- Implemented a user-facing index of the top 50 cryptocurrencies by leveraging an external API call, integrating it into the Redux store, then mapping it to specific React components to maximize DRY code
- Constructed a bespoke function in React to accept incoming API calls, molding them into unique charts with Rechart.js to present users with real-time price data and interactive charts for each currency
- Applied Rails backend to create CRUD functionality to allow users to track and untrack currencies via their watchlist React component

**brtnd** (MongoDB, Express, React, Node.js)

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

*Dual-experience application allowing users to order a personal bartender or discover and fulfill bartending gigs*

- Designed a dual-experience for users, entering as a host or bartender, each with unique CRUD features, presented through React in communication with a MongoDB backend
- Leveraged React hooks, storing key data to shape both local storage and the Redux store, ensuring speed and accuracy for users' form inputs and their resulting output components
- Collaborated with team members using Git workflow to complete features in a timely manner while moving between frontend and backend

**recompose** (JavaScript, Web Audio API, Canvas, HTML, CSS)

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

*Interactive audio visualizer, allowing users to explore great musical works and their modern recompositions*

- Leveraged Web Audio API and Canvas API to analyze audio data, rendering visualizations uniquely tailored to each piece of music
- Employed logic to ensure playback and rendering functionality in the chrome browser through conditional checks of each audio context

## EXPERIENCE

**San Francisco Symphony, Substitute Percussionist, 2017-2020**

- Engineered peak performance in high pressure situations, mastering demanding repertoire quickly for presentation to an audience of 7,000 patrons
- Exhibited effective communication with the ensemble personnel, coordinating a streamlined flow both musically and logistically within the orchestra
- Won successive contracts with the orchestra through relentlessly improving performance quality, entering a pool of the top 0.1% of percussionists in the nation

**San Francisco Conservatory of Music, Box Office Operations Assistant, 2017-2021**

- Integral in upgrading the institution's event coordination process through quickly learning and deploying new software, cutting the school's logistical costs by over \$20,000 per year and increasing ease of use for event staff

## EDUCATION

- **App Academy, January 2021 - May 2021**

*Immersive software development course with focus on full stack web development.*

- **San Francisco Conservatory of Music, Aug 2017 - May 2020**

*Master of Music and Post Studies Diploma, 3.98, 4.0 GPA*

- **Eastman School of Music, University of Rochester, Aug 2013 - May 2017**

*Bachelor of Music, recipient of John Beck Scholarship, awarded to the top percussionist in the school*