

# TIM PADGETT

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

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San Francisco, CA

## SKILLS

JavaScript/ES6+, React, Redux, HTML, CSS3/SCSS, Ruby, Rails, MongoDB, Node.js, Express, PostgreSQL, Webpack, jQuery, jBuilder, Heroku, 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 real-time search functionality, comparing the user's search input to the redux store, mapping matching results to a React component as props, and actively setting state to present the user with responsive results, streamlining asset tracking and discovery
- Applied Rails backend models and routes to create CRUD functionality for each user's unique watchlist, shaping state through a React-Redux frontend, allowing for seamless tracking and un-tracking of assets

**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 MongoDB backend with express routing, allowing users to enter as either a host or a bartender, presenting them with role-specific CRUD features through React components and node.js action requests
- Leveraged React hooks, storing key data to shape both localStorage 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, enhancing the user's comparison and enjoyment of both original and recomposed works
- Employed conditional logic via Javascript to create and destroy audio source nodes, guaranteeing appropriate audio playback and analyzation, allowing the user to seamlessly traverse all musical works within the application

## EXPERIENCE

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

- Engineered peak performance in high pressure situations, mastering demanding repertoire quickly for compelling 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, aiding in the symbiotic collaboration of 90 musicians on one stage
- 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**

- Spearheaded 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*