

## SKILLS

React.js, Redux, JavaScript, Rails5, Ruby, Node.js, Express.js, PostgreSQL, MySQL, MongoDB, Git, HTML5, CSS3, SASS, AWS, RESTful API, Flux, SQL, AJAX, jQuery, JSON, RSpec, UI/UX Design

## PROJECTS

**Venmo+** | (Ruby on Rails, React/Redux, Webpack, PostgreSQL)

[live](#) | [repo](#)

*A digital wallet inspired by Venmo*

- Implemented an instant search feature utilizing React's re-rendering on state change and a setTimeout function to send AJAX requests every quarter second, fetching real-time search results as the user types
- Applied ActiveRecord eager-loading on associations to eliminate N+1 queries and optimize backend API requests
- Incorporated polymorphic model associations allowing the user to create and send multiple payments, requests, and friendships, reducing the number of database tables by almost 50%
- Employed jBuilder to declare users' JSON objects, fetching appropriate data through the Redux cycle in order to efficiently render transaction histories of current user and their friends

**TestZoo** | (Node.js, Express.js, React/Redux, MongoDB)

[live](#) | [repo](#)

*A test service where users can create and take tests*

- Incorporated React reducers to process user updates on a test's questions, answers, and previous scores, and implemented functionality to immediately push these changes to the backend and database
- Connected backend Express routes to frontend via axios requests in React actions, fetching users' created tests and rendering them as links to the test-taking platform
- Processed all created tests from the database, passing them into React components as objects and separating each into category-determined arrays, rendering them as sectioned content on main page

**Stats Don't Lie** | (JavaScript, d3.js, HTML5, CSS)

[live](#) | [repo](#)

*An interactive data visual of NBA player statistics*

- Designed responsive bubble and bar charts composed of NBA player statistics using the D3 library, packing an array of JSON player objects as children nodes into a sum-based D3 hierarchy
- Built a HTML5 music player using vanilla JS and onclick DOM functionality, allowing the user to seamlessly stream music and have constant control over it
- Built multiple mouse events on each bar graph node and used simple D3 designing and scrollBy method to render statistical infographics upon onclick mouse event on any node

## EDUCATION

**App Academy** - immersive 1000+ hours software development course, 2019-2020

- Coursework: React, JS, SQL, Object Orientated Programming, algorithms, and programming best practices

**University of California @ Los Angeles** - B.A. Economics, 2016-2019

## EXPERIENCE

**V.P. of Finance**

**Bruin Bhangra**

Sept 2018 - Jun 2019

- Developed and managed a \$100,000 cash flow budget for an international dance competition in Downtown Los Angeles with 1000+ attendees
- Raised capital via sponsorships, advertisements, donations, and membership fees
- Oversaw marketing strategies, booking of venues and hotels, and vendor transactions