

## SKILLS

JavaScript, React.js, Redux, GraphQL, RESTful API, Node.js, Express.js, PostgreSQL, MongoDB, MySQL, Rails 5, Ruby, Git, HTML5, CSS3, AWS, Apollo, Prisma, AJAX, jQuery, JSON, RSpec, Heroku, Netlify

## PROJECTS

**Instapost** | (GraphQL, React, AWS S3 & SDK, Apollo, Prisma, PostgreSQL)

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

*A photo sharing & messaging social networking service inspired by Instagram*

- Implemented an instant search feature utilizing GraphQL queries and url location to send data requests on each state change, fetching real-time search results as the user types
- Employed Apollo GraphQL queries, mutations, and subscriptions, preventing over and under-fetching by sending a single query with concrete data requirements to the server
- Applied useMutation hook API and refetchQueries option to simultaneously update data in backend and frontend
- Incorporated media queries and styled-components to adjust the application's layout according to screen size, developing a fully responsive web design

**Sorting Algos 101** | (Data Structures & Algorithms, HTML, CSS)

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

*A visualization of sorting algorithms with explanations and pseudocode*

- Integrated algorithms - such as quick, merge, bubble, insertion, and selection sort - to visualize sorting of an array
- Utilized setTimeout and onClick DOM functionality to adjust animation speeds and determine array size

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

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

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

- Introduced React reducers to process user updates on a test's questions, answers, and previous scores, and developed 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

**Stats Don't Lie** | (JavaScript, d3.js, HTML, 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

## 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

**Treasurer** | *Bruin Bhangra*

Sept 2018 - Jun 2019

- Developed and managed a \$100,000 cash flow budget for an international dance competition (1000+ attendees)
- Oversaw marketing strategies, capital raising, booking of venues and hotels, and vendor transactions

**Assistant Manager** | *Circle K*

Nov 2016 - May 2018

- Utilized retail info systems to analyze store & product performance reports and change merchandise accordingly
- Implemented and taught new technology (ordering, point-of-sale) and maintained weekly working schedules