Anthony Tam

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SKILLS

JavaScript, React, Redux, Ruby on Rails, MongoDB, Node, Express, SQL, PostgreSQL, noSQL, jQuery

EXPERIENCE

App Academy
Javascript Instructor   **12/2018 – Present**

- Oversaw student's development of Javascript topics ranging from fundamentals to more advanced algorithms
- Collaborated with curriculum instructor to administer tests and curriculum instruction to students

Blue Line Pizza
Server   **3/2015 – 3/2016**

- Worked closely with managers to ensure customer satisfaction within the establishment
- Oversaw the recruitment and training of new employees

PROJECTS

Porcelain | *(MongoDB, Express, React, Node) | Collaborator in Team of 4*   Github | Live
A dynamic, single-page application that allows users to find and rate nearby toilets using the Google Maps API.

- Utilized React-Router to construct protected and authorization routes to create a personalized user experience
- Implemented a modal framework using React component architecture, allowing users to toggle display seamlessly based on modal background properties
- Implemented a strategy for user authentication with Passport.js, using BCrypt for password hashing, ensuring user information is secure.

BrokenFork | *(PostgreSQL, Rails, React/Redux) | Sole Developer*   Github | Live
A restaurant reservation app inspired by OpenTable.

- Leveraged AWS S3 storage to store images in the cloud, reduce server load, and increase scalability
- Used database-level validations on Rails to identify reservations with overlapping dates, preventing double bookings from users
- Implemented search functionality by continuously changing and updating Redux State, allowing users to pinpoint restaurants by keyword

Sponge & Squids | *(Javascript, HTML, CSS) | Sole Developer*   Github | Live
Browser game where the objective is to avoid incoming squids for as long as possible.

- Developed collision detection algorithm for game elements through calculations involving object position and velocity
- Utilized HTML/Canvas to render game elements in response to changes in the game
- Used JavaScript's requestAnimationFrame method along with timestamp data to normalize frame rate across browsers and devices

EDUCATION

App Academy - Fall 2018
- Immersive software development course with a focus on full stack web development
- Teaches full-stack web development: Rails, SQL, JS, React, TDD, algorithms, and programming best practices.

San Francisco State University - BS in Business Management, 2017