

# Anthony Tam

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[Portfolio](#)

[LinkedIn](#)

[Github](#)

## SKILLS

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

## PROJECTS

**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

**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 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 seamlessly navigate between forms
- Implemented a strategy for user authentication with Passport.js, using BCrypt for password hashing, ensuring user information is secure.

**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
- Built overall game logic using JavaScript, and used HTML/Canvas to render game elements in response to changes in the game
- Opted for JavaScript's requestAnimationFrame method over traditionally used setTimeout and setInterval methods, removing inconsistent delay intervals between animation frames, ensuring a smooth UI across all user devices.

## EXPERIENCE

**Blue Line Pizza**

Server

2015 – 2016

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

## EDUCATION

**App Academy** - 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