

# Joannes Figueroa

Full Stack Software Engineer

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## WORK EXPERIENCE

### Software Engineer @ Numbers API

MAY 2022 - JUN 2022 // San Francisco, Ca

- Implemented a Model View Controller (MVC) design pattern after boosting legibility by documenting legacy codebase.
- Refactored Node.js backend codebase to Python & Flask to reduce repetition and enact RESTful endpoints.
- Implemented "Trivia" table using SQLAlchemy models and RESTful "Trivia" route. Wrote corresponding unit/integration tests with Jest to assure functionality.
- Enhanced integration of dynamic webpage content by modernizing, markdown to semantic HTML conversion script.
- Engineered a responsive mobile version with React Native and Ionic. Renders JSON from all original endpoints. [GitHub](#)

### Manager @ Club Mallard

DEC 2015 - JUL 2021 // Albany, Ca

- Executed daily operations, performed HR duties, managed over \$50,000 in inventory, scheduled for 20+staff.
- Conducted marketing through social media, promotional materials, and organized special events. Collaborated with vendors to create new marketing strategies and curated seasonal bar programs.
- Hired, trained, and supervised a staff of 20+ to coordinate in a high-volume, high-intensity environment.

### Bartender @ Flying Duck Inc. ( Club Mallard, Kona Club, Thalassa)

JUN 2010 - JUL 2021 // Albany, Ca

- Demonstrated effective multitasking by crafting quality cocktails, actively engaging customers, and completing orders in an efficient and personable manner. Experience ranges from craft tiki bar, specialty spirit bar, to a high-volume college bar.
- Applied extensive knowledge of the dynamic selection of 100+ spirits/ craft beers/ cocktails to tailor customers' requests.

## EDUCATION

Rithm School - Full Stack Web Development

MAR 2022 - JUN 2022 // San Francisco CA

Lake Tahoe Community College - Philosophy

AUG 2008 - MAY 2010 // Lake Tahoe, CA

## PROJECT EXPERIENCE

ShareBnB - AirBnB Clone - React | JavaScript | Flask | SQLAlchemy | Python | AWS | Vercel | Heroku

[GitHub](#) - [Demo](#)

- Engineered AirBnB clone, featuring user signup, authorization, and authentication with JWT and image upload via AWS(s3).
- Designed React single-page application with protected routes that allows authorized users to create new listings.
- Implemented authorization and authentication using JSON Web Tokens and encrypted passwords using the BCrypt library.
- Developed RESTful routes with Flask and leveraged SQLAlchemy to create, update, and query the relational database.

Jobly - Job Board - React | JavaScript | Express | SQL | Heroku

[GitHub](#) - [Demo](#)

- Created a job board application featuring React integrated with Express RESTful API, allows dynamic rendering of job listings.
- Incorporated protected routes with JSON Web Tokens and encrypted passwords using BCrypt library for all routes.
- Managed RESTful API and created routes with Express, corresponding relational database is queried using SQL.

Warbler - Twitter Clone - Python | Flask | Jinja | SQLAlchemy | PostgreSQL | Heroku

[GitHub](#) - [Demo](#)

- Built a Twitter clone that utilizes a RESTful API to allow users to add, delete, like, unlike messages, and send direct messages.
- Achieved client side and server-side authorization/authentication with Flask session, local storage, and Flask global variables.
- Maintained functionality through unit and integration testing using Python unittest.

Memory Game - Card Game - React | TypeScript | Axios | Vercel

[GitHub](#) - [Demo](#)

- Developed a card matching game app that asynchronously generates random pairs of cards.
- Designed interactive UI with React Typescript which visually "flips" cards, matches identical cards, and executes win condition.

## SKILLS & INTERESTS

Languages: JavaScript(ES6), TypeScript, Python, SQL, HTML, CSS, Spanish

Libraries & Frameworks: React, jQuery, Axios, Node.js, Express.js, Flask, Jest, Jinja, Ionic, Expo

Databases & ORMS: PostgreSQL, SQLAlchemy, AWS (s3)