

# Tony Tan

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[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

## SKILLS

Javascript, Python, SQL, HTML, CSS, React, Redux, ExpressJs, Flask, Sequelize, SQLAlchemy, PostgreSQL, Postman, Git/Github

## PROJECTS

**Buy-KTSY** (Python, Flask, SQLAlchemy, ReactJS, Redux, Docker)

[Live](#) | [Github](#)

*Buy-KTSY is an e-commerce application where users are able to simulate buying and selling products.*

- Led team meeting for group of 4 to create MVP features, wireframes and database schema to ensure a collaborative and efficient development environment.
- Pair programmed with teammates to create RESTful API routes with Flask and models using Flask/SQLAlchemy.
- Created a dynamic quantity select field for items in the shopping cart from 1 to max available.
- Built under Scrum with daily stand up and pair programming for each individual feature during the project week.

**AirTnt** (Node JS, Express, Sequelize, ReactJS, Redux)

[Live](#) | [Github](#)

*AirTnt is an application where users can view and book short term living spaces for vacation.*

- Used Node Js, Express and Sequelize to create the backend RESTful API that queries and populates a PostgreSQL database that returns data as JSON to the dispatched thunk in the frontend's corresponding state reducer.
- Created a star rating input field for a review form in a functional React component from scratch using HTML and CSS.
- Implemented forms in AirTnt with modals by using context provider to allow the modal to be imported in the whole app.

**answered** (Python, Flask, SQLAlchemy, ReactJS, Redux, Docker)

[Live](#) | [Github](#)

*answered is a full stack web application where users can post questions and answer questions that are posted.*

- Created a RESTful API with Python, Flask and SQLAlchemy with routes that queried and returned JSON from PostgreSQL db
- Utilized Flask and Alembic to create the tables/models necessary to create and populate the PostgreSQL database.
- Used useState in my user profile component to control a slice of state that toggles a Boolean to display the user's posted answers or questions on the webpage.

## EXPERIENCE

### Ballot Processor

*San Francisco Department of Elections*

Feb 2024 - Present

- Recorded and maintained data using Microsoft Office, ballot tracking database and other election specific programs.
- Operated mail sorting equipment, removed ballots from envelopes and prepared ballots for tabulation.

### Volunteer Technical Mentor

*Code The Dream*

Sept 2023 - Jan 2024

- Provided 1:1 help students within a 130 student cohort with learning Javascript, Git/Github, HTML, CSS, and AJAX.
- Assisted 5+ students weekly by deciphering mentor feedback resubmitted work with 100% correctness.
- Review/graded weekly assignments while providing clear feedback to students that led to 100% pass rate for resubmissions.
- Helped students with debugging features in their portfolio website and fixed unintended behaviors using Chrome DevTools.
- Aided students in creating their own Github and starting their first repositories online and locally using bash.
- Named Dedicated Mentor for having the most mentor sessions with students for the year 2023.

### Medical Biller

*Chinese Community Health Care Association*

Dec 2018 - June 2021

- Performed full cycle medical billing for 3 client accounts that totaled \$1 million in revenue and kept track of invoices.
- Entered data daily into Kareo to ensure claims are billed properly to the correct payor and created reports in Excel.

## EDUCATION

**Web Development** - App Academy | Winter 2022

**BA Economics** - San Jose State University | 2013-2018