Martin Yip
Software Developer

(415) 609-1883   martinyip220@gmail.com   **PORTFOLIO**   **GitHub**   **LinkedIn**   **San Francisco / Bay Area**

PROJECTS

ChatCord   (Python, Javascript, ReactJS, Redux, Socket.io, HTML5, CSS3, Flask, SQLAlchemy, Flask Alembic, Git)   live | github
Full-Stack Discord clone that incorporated real-time instant messaging functionality through the use of socket.io.

- Actively collaborated with a talented team of two developers, utilizing Agile methodologies, such as SCRUM, and Git for efficient version control and teamwork.
- Demonstrated strong adaptability in a fast-paced, highly collaborative work environment by participating in daily meetings to identify and resolve project challenges and ensure timely delivery of a one-week project deadline
- Utilized ReactJS to create a modular and efficient user interface by breaking it down into small, reusable components. Improved performance by selectively updating only the necessary parts of the UI without having to re-render the entire page, resulting in a smoother and more responsive user experience.

Clickr   (Python, Javascript, ReactJS, Redux, HTML5, CSS3, Flask, SQLAlchemy, Flask Alembic, AWS, PSQL)   live | github
Full-Stack image sharing Flickr clone where users can upload photos, create albums, and leave comments for other users to view.

- Designed robust RESTful APIs using Python and Flask, leveraging ORMs such as SQLAlchemy to seamlessly integrate data between the front-end and back-end. Implemented ORMs instead of raw SQL queries to increase development efficiency and improve maintainability by abstracting away database interactions, resulting in cleaner and more scalable code.
- Employed ReactJS and Redux to effectively manage client-side state, optimizing component performance and maintaining clear state traceability throughout the development process.
- Leveraged AWS S3(Amazon Web Services) to securely store image data, providing a scalable solution while implementing security measures to prevent unwanted file uploads.

MyBnB   (Javascript, Express.Js, Node.js, ReactJS, Redux, HTML5, CSS3, Postgres, Render)   live | github
Full-Stack airbnb clone with robust user features including spot creation, reviews, and booking management.

- Developed RESTful APIs using Express.js to enable smooth data flow between front-end and back-end.
- Skillfully executed the design and styling of the React front-end, seamlessly matching the user interface of Airbnb and providing a user-friendly experience.
- Executed robust authentication measures to safeguard user privacy and autonomy through thorough front-end and back-end implementation.

SKILLS
Javascript, Python, HTML5, CSS3, ReactJS, Redux, Express.js, Node.js, Flask, SQLAlchemy, Flask Alembic, Sequelize, SQLite, Git, Socket.io, Mocha, Docker, Object Oriented Programming (OOP), Team Driven Development (TDD), Agile Workflow

EXPERIENCE

Pest Control Technician
Dewey Pest & Termite Control   Jul 2021 - Jul 2022
- Experienced Structural Pest Control Field Representative & Fully Licensed Branch 2 Technician.
- Provided comprehensive pest control solutions to clients throughout the Bay Area and managed a profitable route.

Medical Assistant
San Carlos Eye Care   Jul 2020 - Jul 2021
- Conducted preliminary patient testing, including visual field assessments, optical coherence tomography scans, and fundus photography and ensured sterilization of medical equipment for on-site procedures.

EDUCATION

Web Development - *App Academy | 2022 - 2023 Immersive 1000+ hour software development course on full-stack web development*
BS Education - *University of California Riverside | 2014 - 2018 BS. Biochemistry with an emphasis in medical sciences*