

# Frances (Huang) Lau

(626) 260-2080

[frances.y.huang@gmail.com](mailto:frances.y.huang@gmail.com)

<https://frances-y-h.github.io/>

[GITHUB](#)

[LINKEDIN](#)

## SKILLS

React JS, Redux, Javascript, Python, Node.js, HTML, CSS, SQL, PostgreSQL, Git, Node.js, Express.js, Docker, SQLAlchemy, Web Development, Alembic, REST APIs, Pair Programming, Test Driven Development, Object Oriented Programming

## PROJECTS

**Yillow** (Python, ReactJS, Redux, PostgreSQL, Web Socket, Docker, Google Maps API, CSS)

[live](#) | [github](#)

*Solo Project - A soft clone of Zillow, allowing users to set up appointments with real estate agents and review.*

- Implemented **Google Maps API** to allow fluid search, filter and browse functionality on real estate properties
- Applied **PostgreSQL** to create custom transactional database where user can manage and schedule appointments to visit properties

**Concord** (Python, ReactJS, Redux, PostgreSQL, Docker, Web Socket, CSS)

[live](#) | [github](#)

*Team Project - Discord clone created with web sockets, React JS front end and Python Flask server.*

- Collaborated with a team of 3 engineers, utilizing efficient **git** and pull request workflow in order to minimize potential merge conflicts.
- Incorporated **React-Redux** container and Redux selector patterns to architect highly scalable and uni-directional front-end state management.
- Created real time chat messaging by implementing **socket.io** to allow private chats and group chats

**mememo** (Express JS, ReactJS, Redux, PostgreSQL, React Quill, CSS)

[live](#) | [github](#)

*Solo Project - Influenced by Evernote, mememo is a full-stack application built on React Redux, and Express JS.*

- Applied customized design and functionality to the **react-quill library** for personalized user experience in rich text editing.
- Built a single page application by leveraging **Redux**, which dynamically renders **React** components upon changes created by the user without a refresh

**Good Hikes** (Express JS, Pug JS, CSS, Node.js, PostgreSQL)

[live](#) | [github](#)

*Team Project - A full-stack hike tracking platform inspired by GoodReads and AllTrails, focused on more intuitive user design that allows a user to discover and track trails they've hiked*

- Designed Good Hikes's splash page and hike page's wireframe by utilizing **CSS Flex box** and **CSS Grid** layout
- Incorporated **AJAX** to fetch API from the backend routes to interact with the database, allowing smooth user experience

## EXPERIENCE

**Real Estate Broker - Licensed in California DRE#02080027**

*1 Lincoln Way, Inc*

Aug 2018 - July 2022

- Assisted home buyers by educating them in planning and investing in real estate.

**Mortgage Loan Originator - Licensed in California NMLS#1770001**

*Bay Valley Mortgage Group*

Sep 2018 - July 2022

- Helped hundreds of applicants obtain their mortgage loans with historic low interest rate by knowledge and experience
- Worked as a loan processor, built a custom Microsoft Access Database to improve file processing speed by more than 50%

## EDUCATION

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

**Associate's Degree - Le Cordon Bleu** | May 2008