

# Laney Luong - Software Engineer

[Portfolio](#)

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## SKILLS

**Backend:** Rails, Ruby, SQL, MongoDB, PostgreSQL, SQLite3, Ajax, Jbuilder, Mongoose, Node.js, Express.js

**Frontend:** React, Redux, JavaScript, HTML, CSS, jQuery

**Technologies:** Git, Heroku, Webpack, Chart.js, Google Maps API, Rspec

## EDUCATION

**Full Stack Web Development** - *App Academy* | October 2021 - February 2022

**Doctorate of Pharmacy** - *University of California, San Francisco* | August 2014 - May 2018

**Bachelor of Art in Public Health** - *University of California, Berkeley* | August 2010 - December 2013

- **President** - *Pre-Pharmacy Informational Learning and Leadership Society (PILLS)*

## PROJECTS

### Sparrowhood

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

*Full stack clone of Robinhood with real time stock data from Alpha Vantage API.*

- Implemented the use of asynchronous requests, debounce and caching inside local storage to manage performance and heavy endpoint usage
- Created custom SQL queries with ActiveRecord model methods and reduced server load through the utilization of Active Record associations to extract data from multiple tables in a single query, resulting in improved efficiency.
- Created reusable React Components for watchlist items for use across multiple pages to reduce redundant code.
- Utilized React hooks to dynamically update various components styling based on net change of stocks on graph of results for a more engaging user interface.

### Flip Up

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

*MERN project that allows users to create and share flashcards to study and compete with friends.*

- Created backend CRUD with validations using Node.js to handle verification of data being read by MongoDB.
- Ensured user privacy with authentication measures on both frontend and backend, allowing users to only access private data and change decks, cards, and games when logged in.
- Collaborated with a team of 4 engineers, utilizing efficient git and pull request workflow in order to minimize potential merge conflicts within Frontend and Backend.

### Bunny Prep

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

*Single page educational game to teach users how to care for a bunny created with vanilla JavaScript.*

- Rendered graphics and decreased lag by using HTML5 canvas and animation frames to create a faster user experience.
- Utilized JavaScript ES6 class and inheritance syntax to incorporate collision detection to make code more DRY.
- Integrated conditional events and event listeners to dynamically move the bunny based on cursor or key movement within custom dimensions for a more interactive and playable area.

## EXPERIENCE

### Outpatient Pharmacist

*Kaiser Permanente*

December 2018 - Current

- Reduced pharmacy wait times for patients by 10% through monitoring and dynamically adjusting team assignments based on fluctuating workloads in a high intensity and fast paced environment.
- Improved patient comprehension of medication use and risks through consultation by simplifying complex concepts for patients of varying demographics.
- Trained pharmacists in use of our electronic medical record system (EPIC) increasing documentation efficiency by 15%.