

# ADRIENNE TRAN

## FULL STACK SOFTWARE ENGINEER

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**Technical Skills:** JavaScript | Python | Flask | React | Redux | Express | Node | HTML5 | CSS3 | PostgreSQL | SQLite3 | Sequelize | SQLAlchemy | git |

## PROJECT EXPERIENCE

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**Pillbox** | JavaScript | Python | Flask | React | Redux | SQLAlchemy | PostgreSQL | date-fns [Github](#) \ [Live Demo](#)

- Designed a user-friendly frontend interface using React and Redux state management for users to manage their medications, appointments, and providers
- Developed a Flask driven RESTful API to allow real-time updates to PostgreSQL from frontend user inputs
- Utilized SQLAlchemy as an object relational mapping (ORM) tool to ensure efficient database interactions
- Implemented date-fns package to handle date-related functionalities in the calendar to ensure accurate date manipulations

**Robinhoodie** | JavaScript | Python | Flask | React | Redux | SQLAlchemy | PostgreSQL | Apex charts [Github](#) \ [Live Demo](#)

- Constructed a RESTful API with Flask to facilitate communication and real-time updates between a React frontend and a PostgreSQL database, ensuring dynamic interaction with user inputs
- Leveraged Alpaca API, an external financial API, to fetch stock market prices upon render to allow users to see updated stock data, demonstrating the ability to integrate third party services
- Created graphs with Apex charts depicting user portfolio values through data analysis and Redux store handling to show portfolio value trends as well as stock price trends
- Guided a team of three software engineers using git branching to efficiently develop on one shared codebase while minimizing merge conflicts

## WORK EXPERIENCE

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**OptumRx** | *Clinical Pharmacist* | Costa Mesa, CA **October 2018 – Current**

- Developed and maintained Excel verbiage macros utilizing Visual Basic for Applications (VBA) for company use
- Reviewed formulary and utilization management guidelines to determine if medications should be covered based on patient medical history
- Trained incoming clinical pharmacists as subject matter expert in Medicare Part D formulary reviews

**Partner Healthcare** | *Pharmacy Operations Manager* | Monrovia, CA **August 2016 – October 2018**

- Managed a staff of over 100+ employees consisting of pharmacy technicians, clerks, interns, and pharmacists in a 24 hour fast-paced pharmacy delivering from 800-1000 prescriptions per day
- Problem solved various issues in pharmacy including customer service complaints, insurance issues, and technical problems with computer software

## EDUCATION

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**App Academy** \ Full Stack Web Development **Completed 12/2023**

**University of Southern California** \ *Doctor of Pharmacy* | Los Angeles, CA **2014**

**University of California, Irvine** \ *Bachelor of Science, Chemistry* | Irvine, CA **2010**