

# ADRIENNE TRAN

## FULL STACK SOFTWARE ENGINEER

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**Technical Skills:** JavaScript | Python | Flask | React | Redux | Express | Node | HTML | CSS | 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 an intuitive frontend interface using React and Redux state management for users to manage their medications, appointments, and providers
  - Constructed a RESTful API with Flask to facilitate communication and real-time updates between a React frontend and a PostgreSQL database, guaranteeing dynamic interaction with user inputs
  - Formulated a comprehensive data modeling structure with SQLAlchemy as an object relational mapping (ORM) tool to ensure efficient database interactions resulting in well-organized data returns
  - Managed date-related functionalities through incorporation of the date-fns package in the calendar to ensure accurate date manipulations
- Robinhoodie** | JavaScript | Python | Flask | React | Redux | SQLAlchemy | PostgreSQL | Apex charts [GitHub](#) \ [Live Demo](#)
- Implemented a user-friendly financial trading application, following Robinhood's wireframes, with React for dynamic front-end interfaces and Redux for state management
  - 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**