Victor Hou

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SKILLS

Frontend: JavaScript, React, Redux, HTML, CSS
Backend: RESTful APIs, Express, Python, Flask, SQLAlchemy, Sequelize, PostgreSQL, SQL
Other: Object-Oriented Programming (OOP), Test-Driven Development (TDD), Agile and SCRUM methodologies

PROJECTS

LeanOnMe | *(React/Redux, Python, Flask, SQLAlchemy, Psycopg2, Alembic)*   **[live](#) | [github](#)**
- Designed and implemented an intuitive UI by integrating two different features (Live Search & Food Log) allowing users to select a search result and automatically input relevant data.
- Utilized the Nutritionix API to make continuous calls with each keystroke in the search bar to provide live, optimized search results and autofill the form for each.
- Ensured reliable state and DOM rendering with Redux architecture's unidirectional data flow with React.

CoinFlip | *(React/Redux, Javascript, Python, Flask, SQLAlchemy, Psycopg2, Alembic)*   **[live](#) | [github](#)**
- Customized front end React components to ensure a close resemblance to Robinhood off which it is based.
- Created database tables and RESTful API routes using Python and SQLAchemy.
- Employed Coin Gecko's API for live news and cryptocurrency prices making 50 calls/minute to populate prices for the transaction feature and news for the feed.

Kelp | *(React/Redux, Express, Sequelize, PostgreSQL)*   **[live](#) | [github](#)**
- Harnessed the power of CSS and JS in-line styling to create a beautiful and simplistic rating system which dynamically renders different color stars based on mouse position.
- Incorporated React-Redux container and Redux selector patterns to architect highly scalable and uni-directional front-end state management.
- Configured the Node backend with ProstgreSQL using Sequelize ORM for validations and database queries.

EXPERIENCE

Amazon Delivery Driver
Direct Delivery Service, Inc.   Aug 2020 - Jan 2021
- Responsible for loading, organizing, and unloading assigned vans each morning using a last in first out method.
- Ensured speedy yet cautious deliveries of an average of 300+ customer packages daily by utilizing the Amazon Flex App to follow delivery driving routes and time schedules.
- Provided support for other delivery drivers when they fell behind schedule to meet the team's quotas.

Lead Cashier/Cook Shift Lead
Papa Urb's Grill - Stockton, CA   Jun 2016 - Feb 2020
- Mentored and onboarded new team members on POS system operation, customer service strategies and sales goals for front-house staff while training new back-of-house staff on duties, policies, and safety procedures.
- Conducted supply and product inventory reviews to check for quality and quantity issues.

EDUCATION

AppAcademy - Intense Full Stack Software Engineering Boot Camp   **2021**