

CHRISTOPHER HONG

Software Engineer | chrispyohong@gmail.com [LinkedIn](#)

SKILLS:

JavaScript, Python, React, Redux, Vue.js, Node, Express, PostgreSQL, SQL, Flask, SQLAlchemy, Sequelize, AWS (S3 Buckets), Docker, Git, HTML, CSS, Heroku, PostBird, Jinja, Pug

WORK:

Texpress (Typescript, Vue.js, Yarn, Sequelize, Node.js, PostgreSQL, Chart.js Github, HTML, CSS)

A cost-effective global shipping company that provides international logistics solutions for package delivery.

- Developed and updated APIs to efficiently transfer data, improving user experience and streamlining data processing.
- **Updated database structures**, enabling the creation of a new data column that improved data analysis capabilities.
- **Designed and implemented** a dynamic leaderboard feature for the company's platform, showcasing top loyal customers within a specified time frame.
- Created data visualization components for comprehensive chart data and implemented a sophisticated net profit calculation module, empowering administrators with accurate financial insights within the specified date range.

Jasmine Landscape & Design (React, Netlify, EmailJS)

[Github](#) | [Site](#)

Contract Work

- Collaborated with a landscaping client to develop a responsive website using React on the front end and integrated EmailJS for contact form functionality.

PROJECT EXPERIENCE:

QuicksPic (JavaScript, React, Redux, Python, Flask, SQLAlchemy, PostgreSQL, HTML, CSS, AWS S3 Buckets)

[Github](#) | [Site](#)

Social media platform that allows public users to follow others, to upload pictures, and to like posts/comments.

- Designed and implemented product's newsfeed customized for each user with **real-time updates**.
- **Enhanced file uploading system** in Flask back-end using cloud storage via **AWS S3 buckets**.
- Architected the data model using PostgreSQL to efficiently store and query data while **maintaining data security**.
- Developed profile search to lookup users and **increase the performance search time** for a user's profile.
- Implemented intuitive UX with modular UI components and enabled inline editing features for comments.

Sea (JavaScript, React, Redux, Python, Finnhub, Recharts graph, Docker, PostgreSQL, Git Version Control and API)

[Github](#) | [Site](#)

Fintech investing app that enables users to trade stocks, to receive stock-related news, and to display their profit on the dashboard.

- Received real-time data from an API library, Finnhub, using a fetch API that displays company related news, giving users easy access to relevant information to allow for informed stock purchasing decisions.
- **Collaborated and developed** with three software engineers by using Git Version Control and agile methodologies such as Scrum.
- Generated algorithms to **optimize performance, scalability, and maintainability** for stock prices and RESTful API calls in order to **generate** each company's yearly closing market prices in **O(n) time complexity**.
- **Created the database model** that allowed users to add, delete and update a company to their watchlists.
- Formulated an algorithm for the transactions feature that uses list comprehensions to filter between sold and bought transactions that displays the user's net profit in their portfolio.

Squeals (JavaScript, React, Redux, Express, AWS S3 Buckets, PostgreSQL, and Sequelize)

[Github](#) | [Site](#)

Location based web application that allows users to review and publish their businesses, and to add reactions on reviews.

- Built a seamless UX design that allows users to interact with a review by adding/deleting a reaction, to provide visual confirmation by changing the CSS properties.

EDUCATION & ADDITIONAL PROFESSIONAL EXPERIENCE:

AppAcademy

Feb 2022 - July 2022

- A 1,000 hour, 6 month immersive **software engineering** coding bootcamp focused on **Object-Oriented Programming (OOP)**, **Test-Driven Development (TDD)**, and pair programming.

Pepperdine University

Aug 2013 - April 2017

- Bachelor of Arts, Psychology