

# Peter Shin

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**SKILLS:** Python, JavaScript, React.js, Redux, Express, Node.js, Sequelize, SQL, PostgreSQL, Flask, SQLAlchemy, Docker, TDD, HTTP, RESTful APIs, HTML5, CSS, AWS, Heroku, Jinja, Alembic, Pug, Git

## PROJECTS:

**Divide and Conquer** Python, Flask, SQLAlchemy, ReactJS, Redux, CSS, Dockers

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

A colorful and dynamic web application (monday.com clone) that helps manage your tasks and activities to be more organized; that was created using ReactJS for the frontend and Python, Flask and SQLAlchemy for the backend.

- Implemented the **socket.io** library to allow user to have a live messaging feature, where they can communicate with one another instantly
- Integrated authorization checks using **React hooks** to redirect users to secure paths based on credentials.

**To Moo List** JavaScript, HTML, CSS, BCrypt, Express, Sequelize, PUG

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

An online to do app (rememberthemilk.com clone) that helps you stay organized and keep track of your tasks/errand. This project was created mainly using JavaScript to update the application dynamically along with other technology like Express, Sequelize to help interact with the database and PUG.

- Utilized the **BCrypt** to hash user passwords before saving them into the database to ensure user privacy and create user authorization routes to restrict access on certain webpages
- Created an interactive splash page, where the user can play around with the carousel, that changes background color as you go to different slides of the carousel. The carousel was created by adding event listeners to each arrow button to setting and removing an active class to specify which slide to view
- Implemented **AJAX** to fetch API from the backend routes to interact with the database
- Collaborated with 3 other developers and took the role of "Scrum Master" that helped oversee all the merging codes, separating/planning out the work and ensuring every backlog was on time.

**Inspogram** Python, Flask, SQLAlchemy, ReactJS, Redux, CSS, AWS S3, Dockers

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This website is a clone of instagram, where users can share their photo online and have the ability to like, comment on each other's post.

- Optimized the use of **Redux** store state to reduce the number of fetch calls needed to reduce loading time and to update, delete the data using **dispatch action** calls.
- Enabled users to upload their own image files using **AWS S3 bucket** for easy image uploading.

## EXPERIENCE:

**Jr. Instructional Assistant**

Hash Map Labs Inc (App Academy)

March 2022 - Current

- Responsible for updating the coding curriculum daily to help teach modern programming languages and technology along with teaching students to help understand complex algorithm and general coding principal in JavaScript and Python

**Private Contractor Assistant**

Ego Blinds

2019 - March 2022

- Responsible for communicating with customers to help guide them with their purchases and help increased the company sale by 12%

**Operations**

SKW Associate Inc

May 2017 - August 2017

- Responsible for creating invoices and product order in order to help sell the semiconductor that the companies made along with buying parts to help create the semiconductor to improve the profit margin by 8% more
- Trained new employees to help them learn and adapt to companies culture

## EDUCATION:

University of California, Irvine - BS Computer Science, 2015 - 2019

App Academy - A rigorous 1000-hour immersive full-stack web development program 2021 - 2022