

Vivian Ngoc Che

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LANGUAGES & SKILLS

Front-end: JavaScript | React / Redux | HTML5 | CSS3 | Pug.js | Jinja

Back-end: SQL | Python | Flask | Sequelize | Node.js | PostgreSQL

Frameworks/Tools: Docker | AWS | Git | Express.js

Other: Heroku

PROJECTS

Reflect | Python, Flask, SQLAlchemy, React, Redux, Docker

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

A journaling app within the mental health space inspired by positive psychology research

- Applied **React States** and conditional **CSS** to portray movements during state changes to create a feel of a **dynamic UI** and a smooth user experience.
- Created multiple full **CRUD** operations for users journals, entries, and journaling progress.
- Designed complex routes with **python flask back-end** allowing users' information to be saved across multiple pages.

Sneax | Python, Flask, SQLAlchemy, React, Redux, Docker

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

A shoe stocks trading app inspired by Robinhood

- Collaborated with a small team, utilizing **Github** workflow to simultaneously work on multiple features while adhering to a strict delivery timeline.
- Launched stock transactions feature by assembling Flask-SQLAlchemy on the backend and React Hooks on the frontend to fetch and update user stock transactions efficiently.
- Showcased **React Hooks** and Redux proficiency by creating a responsive, seamless, single-page application.

Touristr | Javascript, React, Redux, Node.js, Express, PostgreSQL, Sequelize, AWS3

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

A location photo sharing app inspired by Flickr

- Designed **REST API** and engineered **PostgreSQL** relational database backend with **Express/Node**. Features user-authorization utilizing bcrypt for session creation.
- Utilized the **Redux** store to render, edit, and remove photos and comments dynamically and asynchronously.
- Showcased **React Hooks** and by creating a responsive, seamless, single-page application.
- Implemented **AJAX** for dynamic voting and **CRUD functionality** for users comments and photos.

EXPERIENCE

Braven Fellow

San Jose State University

August 2019 - December 2019

- Worked as a Lead Prototype and strategized Braven cohort group to brainstorm a high quality prototype for Ebay Capstone challenge and presented the prototype to Braven board members.
- Collaborated with 5 other Braven fellows once to develop professional and leadership skills.
- Attended 2 Braven career accelerating events in order to learn and participate in networking opportunities.

Nursing Assistant

June 2018 - May 2019

Valley Health Rehab

- Prioritized responsibilities and collaborated with other nurses in a fast-paced environment to provide quality patient care.
- Ensured the accurate, timely flow of information by maintaining thorough patient records and communicating with the healthcare team on patients' statuses.
- Provided behavioral and emotional support companionship for over 40 residents and complied with patients' confidentiality and privacy standards.

EDUCATION

App Academy

Feb 2021 - Sept 2021

Rigorous 1000+ hour full-stack software development bootcamp with <3% acceptance rate.

San Jose State University

Graduation: 2019

Bachelor of Arts, Psychology