Kevin Vu

(667) 802-0368 | kevintvu123@gmail.com | **PORTFOLIO** | **GITHUB** | **LINKEDIN**

SKILLS

React, Redux, Python, Javascript, Flask, Express, HTML, CSS, Sequelize, SQLAlchemy, SQL, PostgreSQL, Socket.IO, Git

PROJECTS

PeakTrade   (React, Redux, Python, HTML, CSS, Alpha Vantage API, Yahoo Finance API, Rechart)   live | github

A full-stack stock trading web application inspired by Robinhood, utilizing React/Redux front-end and Flask/SQLAlchemy backend

- Incorporated **React** and **Redux** to manage portfolio and group state and provide a seamless user experience for stock market transactions and group-related interactions.
- Integrated **Alpha Vantage API** and **Yahoo Finance API** to gather and display real-time and historical financial stock market data.
- Utilized **Recharts**, React charting library, to display historical and real-time financial data in an easy-to-understand manner and visually appealing graphs.

Hangers Academy   (React, Redux, Python, HTML, CSS, Socket.IO)   live | github

A full-stack chat-based web application inspired by Discord, utilizing React/Redux front-end and Flask/SQLAlchemy backend

- Implemented **Socket.IO** library to enable real-time communication and smooth chat experience in public channels and private messaging.
- Utilized **Flask** and **SQLAlchemy** to handle backend server-side functionality such as user authentication, server/channel management and message storage.
- Developed a system for organizing and displaying private and public servers using **React Redux** state management in conjunction with **Flask-SQLAlchemy** model declaration.

AirClone   (React, Redux, Express, Sequelize, HTML, CSS)   live | github

A full-stack web application inspired by Airbnb, utilizing React/Redux frontend and Express/Sequelize backend

- Utilized **Sequelize** as ORM with **PostgreSQL** to define model relationships and perform database migrations to represent data entities, such as users, spots, and reviews.
- Incorporated **Redux DevTools** to monitor and debug the state of the application in real-time
- Built a responsive user interface using **React** and incorporated **React Router** library to handle client-side routing.
- Implemented user authentication and authorization using **JSON Web Tokens** to secure user data and protect sensitive routes.

EDUCATION

App Academy - *Full Stack Software Development*   August 2022 - January 2023

- Rigorous 1000-hour full stack software development course with <3% acceptance rate
- Coursework included: JavaScript, Python, React, Redux, SQL, Test Driven Development (TDD), Object Oriented Programming (OOP), algorithms, data structures, system architecture, and Git workflow.

University of Maryland, College Park - *Bachelor of Science in Biology | 3.9 GPA*   December 2021 - May 2022

EXPERIENCE

Ophthalmologist Technician

Envision Eye and Laser   July 2019 - Dec 2020

- Operated screenings including auto-refraction, OCT imaging, visual field test, and fundus photography on > 200 patients per month.
- Performed on-site and remote medical interviewing for medical history, current symptoms, and medication allergies prior to procedure or medical examination.
- Electronically scribed findings, diagnosis, and future actions and maintained accurate patient records for > 1000 patients.