HIEP KHUU

Phone: (408) 960-3684   **Email:** hiephkhuu@gmail.com   **PORTFOLIO** **GITHUB** **LINKEDIN**

SKILLS

Javascript, Python, ES6, HTML5, CSS, React.js, Redux, Flask, SQLAlchemy, PostgreSQL, jQuery, Sequelize, SQL, Node.js, Express.js, Docker, Heroku, Git, Ajax, Agile Methodologies, Unit testing

PROJECTS

HabitHub (Python, Javascript, React.js, Flask, SQLAlchemy, HTML, CSS)   Live Site | Github
An app where users can develop habits and unlock rewards based on their progress.
- Constructed a method for calculating rewards in percentages and designed progress bars to help users better visualize their progress.
- Reduced multiple queries for weekly logs into a single query to improve data fetching.
- Implemented **React Hooks** for dynamic components and multiple libraries including **moment.js** to improve the readability of dates.

Landscapr (Javascript, React.js, Express, PostgreSQL, HTML, CSS)   Live Site | Github
An app where users upload photos and comment on others' photos.
- Generated back-end programming using **REST APIs** and **PostgreSQL** relational database backend with **Express/NodeJS**, allowing for efficient **CRUD operations** for photos, albums, and comments.
- Implemented **CSRF** attack prevention and **validation forms** for data restriction; protected user information and provided authentication.
- Utilized the **Redux** store to render, edit, and remove photos and comments dynamically and asynchronously.

PetClinic (Javascript, Pug/Jade, Express, PostgreSQL, HTML, CSS)   Live Site | Github
An advice app connecting medical professionals with pet owners.
- Worked across the agile development lifecycle with **3** developers to build and maintain code as well as diagnose, troubleshoot, and resolve major bugs.
- Contributed to database design and corresponding **API routes**, using **Sequelize** and **Express**, to attach unique comments and upvotes to each question/answer pair and expand core functionality.
- Implemented front-end programming with react components for **responsive web design** using CSS layout solutions flex, grid, and multicolumns.

EDUCATION

App Academy   **Jan 2020 - Aug 2021**
Full-stack web development
- Relevant coursework: Object-oriented programming (OOP), test-driven development (TDD), coding best practices, REST, Agile/SCRUM methodologies, Systems Design & Architecture, Data Structures, Algorithms

San Jose State University   **Graduation: Aug 2015 - Dec 2020**
Bachelor of Science in Business Administration, Management, 3.6 GPA

ADDITIONAL EXPERIENCE

HK General Construction Inc
Assistant Project Manager - San Jose, CA   **Aug 2017 - Feb 2021**
- Conducted research on project resources including sourcing of subcontractors and materials suppliers resulting in additional cost-saving benefits up to $5,000 per project.
- Led the transition to a paperless practice by implementing an electronic system allowing for digitized schedules and documentation and introduced video conferencing during the coronavirus pandemic to improve business processes.
- Revamped budgeting, contracts, and cost estimation templates to improve processing time by half.
- Leveraged expertise for creating 3D drafts and understanding building codes to further support clients and help them navigate the construction process.

Flex College Prep
Administrative Intern - Cupertino, CA   **Aug 2015 - Aug 2017**
- Implemented office-wide organization of files, spreadsheets, and reports.
- Developed an SOP for daily operations to support and train incoming interns.