

HIEP KHUU

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[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

SKILLS

Javascript, Python, ES6, HTML5, CSS, React.js, Redux, Flask, SQLAlchemy, PostgreSQL, Sequelize, SQL, Node.js, Express.js, Docker, Heroku, Git, AJAX, Agile Software Development, Bug & Vulnerability testing, Teamwork, Problem-Solving

PROJECTS

HabitHub (Python, ReactJS, Flask, SQLAlchemy, HTML, CSS, Docker, Heroku)

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

Inspired by Habitify and Habitica where users can post habits and unlock rewards they create

- Developed a feature using **SQLAlchemy** queries and **datetime** library to help users keep track of weekly logs for each habit
- Constructed an algorithm for calculating rewards progress in percentages and designed a progress bar to help users better visualize and track their progress
- Dynamically use **React Hooks** to close and open multiple modals on a single dashboard page and **Moment.js** library to improve readability of dates
- Provided maintenance and integrity of code by testing and eliminating 100% of bugs

Landscapr (Javascript, ReactJS, Express, PostgreSQL, HTML, CSS, Heroku)

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

Flickr clone where users may upload photos, view them, and comment on others photos

- Implemented **CSRF attack prevention** and **validation forms** for data restrictions, protecting user information and authentication
- Successfully generated back-end programming use **REST API** and **PostgreSQL** relational database with **Express/NodeJS**, allowing for efficient **CRUD** operations for photos, albums, and comments
- Research and implementation of **AWS** for ease of photo uploading

PetClinic (Javascript, PUG, Express, PostgreSQL, HTML, CSS, Heroku)

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

A advice column connecting medical professionals and pet owners

- Provided leadership and support in all phases of application such as analysis, designing, development and testing to ensure best coding practices
- Designed corresponding API routes using **Sequelize** and **Express** to attach unique comments and upvotes to each questions/answer pair and expand core functionality
- Implemented testing in coding problems concerning **responsive web design** and advanced **CSS** workflows

EDUCATION

App Academy Open Source - Full-stack web development

Dec 2020 - Aug 2021

- 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 - Bachelor of Science in Business Administration, Management GPA: 3.6/4.0

Aug 2015 - Dec 2020

PROFESSIONAL EXPERIENCE

HK General Construction Inc

Aug 2017 - Feb 2021

Project Manager Assistant/Coordinator - San Jose, CA

- Ensured the breakdown of estimates and quotes, obtaining permits, tracking submittals, sign-offs, and coordination of material deliveries for 2-3 projects at a time
- Improved company's technical process through implementation of new technology, allowing for curation of digitized schedules and documentation during COVID-19
- Demonstrated excellent, unsupervised, communication and collaboration with teams and business partners regarding Project Scope, Schedule, Change Orders, Contracts & Materials to be delivered in a timely manner
- Self-driven knowledge for drawing 3D Designs and comfortability with building codes to offer additional expertise to clients
- Ability to adapt to ambiguous situations and problem-solve during unexpected circumstances

Flex College Prep

Aug 2015 - Aug 2017

Intern - Cupertino, CA & Los Altos, CA

- Initiated and wrote an SOP to aid all incoming interns in navigating daily operations
- Identify the need for and lead office-wide re-organization of files and documentation
- Supported and comply with company's policies and procedure at all times