

# HIEP KHUU

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[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

## SKILLS

Python, JavaScript, ES6, HTML5, CSS, React.js, Redux, Flask, SQLAlchemy, PostgreSQL, Sequelize, SQL, Node.js, Express.js, Docker, Heroku, Git, AJAX, Agile Software Development

## 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
- Successfully direct **error handling** from backend routes to all forms and CRUD features for better user experience

**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*

- Introduced **CSRF attack prevention** and **validation forms** for data restrictions, protecting user information and authentication
- Engineered **REST API** and **PostgreSQL** relational database backend with **Express/Node**, allowing for efficient **CRUD** operations for photos, albums, and comments

**PetClinic** | Javascript, PUG, Express, PostgreSQL, HTML, CSS, Heroku

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

*A advice column connecting medical professionals and pet owners*

- Contributed to database design and corresponding API routes using **Sequelize** and **Express** to attach unique comments and upvotes to each questions/answer pair and expand core functionality
- Store user background options via **cookie storage** so user's credentials persists throughout duration of login
- Implemented testing in coding problems concerning **responsive mobile 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**

**Aug 2017 - Feb 2021**

*Project Manager Assistant/Coordinator - San Jose, CA*

- Responsible for aiding Project Manager in breakdown of estimates and quotes, obtaining permits, tracking submittals, sign-offs, and coordination of material deliveries for 2-3 projects at a time
- Replace of paper processing through implementation of new technology, allowing for curation of digitized schedules and documentation
- Provided strong follow up and communication with clients, project managers, and superintendents regarding Project Scope, Schedule, Change Orders, Contracts & Materials

**Flex College Prep**

**Aug 2015 - Aug 2017**

*Intern - Cupertino, CA*

- General office duties includes printing and organization of files in company intranet