

HIEP KHUU

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[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

SKILLS

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

PROJECTS

HabitHub (Python, ReactJS, 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 to improve the readability of dates.

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

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

An app where users may upload photos and comment on others' photos.

- Generated back-end programming using Rest APIs and PostgreSQL relational database 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.
- Brainstormed and documented user stories as well as ensured that requirements are met.

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

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

An advice app connecting medical professionals with pet owners.

- Worked across the development lifecycle 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 pages and advanced CSS workflows with user interface design in mind.

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

Aug 2015 - Dec 2020

Bachelor of Science in Business Administration, Management

PROFESSIONAL EXPERIENCE

HK General Construction Inc

San Jose, CA

Assistant Project Manager

Aug 2017 - Feb 2021

- Led the transition to a paperless practice by implementing an electronic system allowing for digitized schedules and documentation during COVID 19 to improve business processes.
- Conducted research and gathered key information for use in projects that provided cost-saving benefits up to 10% per project.
- Coordinated engineering, design, shop drawing efforts, and material deliveries for 2-3 projects at a time.
- Leveraged expertise for creating 3D designs and understanding building codes to further support clients and help them navigate technical terms.
- Provided excellent communication to all involved parties to promote effective and ongoing business relationships.
- Gathered requirements for ongoing projects and organized documentation for management use.

Flex College Prep

Cupertino, CA

Administrative Intern

Aug 2015 - Aug 2017

- Analyzed protocols and identified areas for improvement to maximize productivity.
- Implemented office-wide organization of files, spreadsheets, and reports.
- Developed an SOP for daily operations to support and train incoming interns.