

HIEP KHUU

Software Engineer

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PORTFOLIO - GITHUB - LINKEDIN

Versatile Software Engineer with background successfully executing diverse project tasks to meet deadlines. Highly skilled at communicating with colleagues, monitoring status, and achieving key milestones. Enthusiastic problem solver and talented team player with excellent planning and decision-making skills.

Relevant Projects

HabitHub (Python, ReactJS, Flask, SQLAlchemy, HTML/CSS)

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

Where users can make habits and unlock rewards they create

- Constructed an **algorithm** for calculating rewards in percentages. Helped users visualize their progress.
- Developed efficient **querying** to help users keep track of weekly logs for each habit.
- Dynamically use **React Hooks** on a single dashboard page and **date libraries** to improve readability of dates.
- Provided maintenance of code by eliminating 100% of bugs.

Landscapr (JavaScript, ReactJS, Express, PostgreSQL, HTML/CSS)

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

App for sharing posting and commenting on 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 smooth **CRUD** operations for photos, albums, and comments.
- Research and implementation of **AWS** for ease of photo uploading.

PetClinic (JavaScript, PUG, Express, PostgreSQL, HTML/CSS)

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

Advice column connecting professionals with 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 **responsive web design** and advanced **CSS** workflows.

Professional Experience

Assistant Project Manager

Aug 2017 – Feb 2021

HK General Construction Inc

- Conducted research and gathered key information for use in upcoming projects and provide cost-saving benefits for company (~\$20k per project).
- Managed and improved company's technical process, allowing for curation of digitized schedules and documentation during COVID-19.
- Demonstrated self-driven knowledge for creating 3D Designs and understanding building codes to offer additional expertise to clients.
- Coordinated engineering, design, and shop drawing efforts.
- Reviewed documentation to verify conformance with established project criteria.
- Provided outstanding service and facilitate communication to all parties involved with project, promoting effective and lasting business relationships.
- Gathered requirements for ongoing projects and organized details for management use.

Intern

Aug 2015 – Aug 2017

Flex College Prep

- Maximized productivity by analyzing protocols and identifying areas for improvement.
- Implemented office-wide organization of files, spreadsheets, and reports during internship.
- Initiated and developed a Standard Operating Procedure (SOP) to aid all incoming interns in navigating daily operations.

Skills

JavaScript (NodeJS, Express, ReactJS, jQuery)
SQL (MySQL, PostgreSQL, SQLAlchemy)
HTML5/CSS
Python (Flask)
AWS
Docker, Git, Heroku
Agile/SCRUM
Bug/Vulnerability testing
Teamwork
Problem Solving

Education

App Academy

Full Stack Development

(Feb 2020 - Aug 2021)

Relevant Coursework: Object oriented programming (OOP), best coding practices, test-driven development (TDD), REST API, Agile/SCRUM methodologies, Systems Design & Architecture, Data Structure/Algorithms

San Jose State University

Bachelor of Science, Business

Administration, Concentration in Management

(Aug 2015 – Dec 2020)

Relevant Coursework:

Strategic Management, Global Integration, Quantitative Business Analysis, Business Statistics, Financial Accounting, Managerial Accounting, Organizational Behavior, Operations Management, Micro/Macro Economics