Kelly Phan

khphan@ucdavis.edu | linkedin.com/in/kellyphan03/ | github.com/kellyhp | (408) 826-9090
https://www.aboutkellyphan.art

EDUCATION

University of California, Davis   **EXPECTED DECEMBER 2024**
Bachelor of Science in Computer Science & Technology Management Minor
- **Relevant Coursework:** Software Development, Object-Oriented Programming, Data Structures & Algorithms, Web Development, Human Computer Interaction, Data Visualization, Operating Systems, Real-Life Client Design

PROFICIENCIES

- **Programming Languages:** Java, Javascript, Typescript, Python, SQL, NoSQL, HTML/CSS
- **Tools**: Github, Office 365, Figma, Canva, VSCode, Jira, Excel, AWS, Azure Data Studio, PowerBI, Postman
- **Interpersonal:** Communication, Leadership, Organization, Problem Solving

EXPERIENCE

Feastech Data Corp — *Fullstack Developer Intern*   **OCTOBER 2023 - JANUARY 2024**
- Designed a service-oriented architecture to improve fault tolerance and maintainability for risk assessments, utilizing Azure, SQL, and Java
- Constructed a MySQL database to handle data CRUD operations, supporting over 2,000 transactions per month
- Integrated ChatGPT to develop risk assessments, ensuring clean code and handling of requests and responses
- Collaborated with the UI/UX team to create over 15 wireframes for risk assessment pages, applying front-end development principles on consistency, hierarchy, and accessibility using Figma and SwaggerUI

Codology — *Software Developer Intern*   **MAY 2023 - AUGUST 2023**
- Engineered a robust content management system enabling administrators to efficiently upload and manage over 200 videos, images, and files for an online learning platform using MongoDB, Node.js, Express.js, and Javascript, supporting 4 courses and 20+ video lessons
- Designed and leveraged REST API principles to create endpoints for handling file uploads, ensuring compatibility with different video formats and sizes, facilitating seamless data management for administrators and creating 2 new models and implementing 8 endpoints
- Contributed to AGILE development processes, including sprint planning, daily stand-ups, and retrospectives, fostering a collaborative team environment and iterative improvement of project deliverables

PROJECTS

Webtools for Alumni - *Project Manager & Front End Developer*   **JANUARY 2024 - JUNE 2024**
Director of Alumni Relations - College of Engineering at UC Davis
- Adopted AGILE methodologies, utilizing Jira and GitHub for efficient project management for a 6 month project, completing over 35 Jira issues from backlogs and covered documentation by 80% for API references
- Implemented a CI/CD pipeline for building and deployment, ensuring all tests passed and automating the processes of testing, building, and merging to streamline development and deployment cycles
- Developed APIs for the alumni database using Node.js, Express.js, and MongoDB, efficiently managing and storing data from over 5,000 alumni found on LinkedIn, while complying to their Terms of Service
- Designed and implemented a search engine with a frontend and pagination system that allowed users to search alumni based on keyword, reducing an average search time of 2 hours using Next.js and React
- Conducted over 100 unit and integration tests using Jest, React Testing Library, and Puppeteer to ensure product quality, achieving a 95% test coverage and identifying critical issues early in the development process

E - Commerce Shopping Website - Moment   **DECEMBER 2023**
- Implemented GraphQL and Apollo Client to establish a robust content API and product management system with GraphCMS, efficiently managing 20 products split by categories
- Incorporated Leaflet to power a dynamic map showcasing up to 3 store locations
- Designed a checkout experience with Snipcart, facilitating secure transactions through Stripe
- Optimized Next.js localization for multi-language support, ensuring a globally accessible platform with English and Spanish language options

EXTRACURRICULARS

#Include—*Frontend Developer*   **APRIL 2024 – JUNE 2024**
- Built an in-house CMS for client websites, applying front-end development skills with Typescript and SASS

Vietnamese Student Association, Culture Show — *Performance Director*   **SEPTEMBER 2022 - MAY 2024**
- Coordinated logistics for performances, managing stage setups, sound systems, and other technical requirements

Davis Design Interactive UI/UX Organization—*Fellowship Member*   **MAY 2023 – NOVEMBER 2023**
- Engaged in hands-on projects, applying UI/UX principles to solve real-world design challenges through Figma