Kelly Phan

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EDUCATION

University of California, Davis   **EXPECTED DECEMBER 2024**

Bachelor of Science in Computer Science & Technology Management
- **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 (including D3.js), Typescript, Python, SQL, NoSQL, HTML/CSS
- **Tools**: Github, Office 365, Figma, Sketch, Canva, VSCode, Jira, Excel, 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 5,000 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 HTML/CSS, supporting 4 courses and 20+ video lessons
- Designed and leveraged REST API principles to create endpoints for handling file uploads, ensuring compatibility with over 50 different video formats and sizes, facilitating seamless data management for administrators and creating 2 new models and implementing 3 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 backlog 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 keywords, job, company, education, location, and year, reducing an average search time of 2 hours
- 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
- Integrated notifications for employment changes to keep users informed every month with a subscription feature, improving communication and productivity for a staff team of 10

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 for a full e-commerce experience
- 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

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