Khiem Pham

San Diego, CA

☏ (703)720-0313 | ✉ khiempham841@gmail.com | ⌂ kpham841.github.io | ⌨ kpham841 | in kpham841

Education

University of California, San Diego   *San Diego, CA*

B.S. in Cognitive Science: Design and Interaction, Minor in Computer Science and Design   *Sep. 2018 - Jun. 2022*

- **GPA**: 3.7 (Major), 3.6 (CS Minor), 4.0 (Design Minor)
- **Clubs:** Association of Computing Machinery (ACM), Institute of Electrical and Electronic Engineers (IEEE)
- **Coursework:** Data Structures, Algorithms, Software Engineering, Software Tools, Systems Programming, Online Database Analytics

CodePath   *Remote*

Certificate in Intermediate Software Engineering   *June 2022 - Aug. 2022*

- Reviewed challenging algorithmic problems in preparation for technical interviews through weekly pair programming sessions and mentorship.

Experience

Temple HCI Lab   *Philadelphia, PA*

Web Developer | *React, Next.js, Firebase, ChakraUI, Figma*   *Oct. 2021 - June 2022*

- Worked on a web application that augments digital whiteboards for participants in design workshops by providing computational support, under Professor Stephen MacNeil.
- Researched and prototyped ways of adapting workshop activities based on user progress to assist in their design process using Figma.
- Developed logging script that captures user activity using JavaScript and records it to Firebase for later analysis.

HXI Lab   *San Diego, CA*

Web Developer | *JavaScript, HTML/CSS*   *Jan. 2022 - June 2022*

- Worked on a web application that creates annotations from multiple streams of video data, under PhD. Steven Rick.
- Developed the annotation timeline with space efficiency in mind, enhanced video playback and manipulation features for flexibility of use.

PowerUp   *San Diego, CA*

Web Developer | *JavaScript, HTML/CSS*   *June 2021 - Sept 2021*

- Collaborated with a team of designers and researchers to help a local business revamp their online presence (website, social media).
- Built the **website** based off design mockups by incorporating iterative development practices and using HTML/CSS and JavaScript.

UCSD Circle K   *San Diego, CA*

Web Developer | *React, HTML/CSS, Firebase*   *June 2021 - Sept. 2021*

- Built member components using React and displayed member data from Firebase to improve website usability for UCSD Circle K members.

Projects

Recipeal

Web Application | *JavaScript, HTML/CSS, Bootstrap, Cypress, Netlify*

- Developed the CRUD functions for a recipe manager that manipulates user recipe data and stores them in local storage.
- Retrieved new recipe data from SpoonacularAPI and created styled front-end components to display them, allowing users to explore new recipes.

MBot

Social Media Bot | *Node.js, MongoDB, Heroku*

- Built a discord bot with a currency/xp system for entertainment purposes using Node.js, storing user data in MongoDB, and hosting on Heroku.

Automated Laundry Folder (IEEE Quarterly Projects) - Awarded Best Presentation

Electronic Machine | *Arduino, SolidWorks*

- Programmed a machine to fold clothes using servos and an Arduino to automate the laundry folding process.

Skills

Languages   JavaScript, HTML/CSS, Python, Java
Tools/Frameworks   React, Node.js, MongoDB, Firebase, Git, Arduino, Figma, Photoshop, Premiere Pro
Hobbies   Computer/Keyboard customization, Video editing, Hiking, Tennis