Khiem Pham

San Diego, CA

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Education

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

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

- **GPA**: 3.5 (Overall), 3.6 (CS Minor)
- **Clubs:** Association for Computing Machinery (ACM), Institute of Electrical and Electronics Engineers (IEEE), Design Co
- **Coursework:** Data Structures, Algorithms, Software Engineering, Software Tools, Systems Programming, Online Database Analytics

Skills

Languages JavaScript, HTML/CSS, Python

Tools/Frameworks React.js, Node.js, MongoDB, Firebase, VS Code, Git, Figma, Photoshop, Premiere Pro

Certifications CodePath Intermediate Software Engineering (June 2022 - August 2022)

Experience

Human-centered eXtended Intelligence Lab *La Jolla, CA*

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

- Developed a web application that creates annotations from multiple streams of video data
- Optimized the annotation timeline for space efficiency, enhanced video playback and manipulation features for flexibility of use

Temple University Human-Computer Interaction Lab *Philadelphia, PA*

Web Developer / Research Assistant | *Next.js, Firebase, ChakraUI* *Oct. 2021 - June 2022*

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

Cut & Dry Barbershop (Case Study) *San Diego, CA*

Web Developer | *JavaScript, HTML/CSS, Google Analytics* *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 by incorporating iterative development practices, resulting in 1,000 new users and 2,000 views in the first month

Projects

Recipeal *View Project*

Web Application | *JavaScript, HTML/CSS, 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

The Weather Center *View Project*

Web Application | *React.js, Node.js, HTML/CSS, Netlify*

- Designed and developed a React weather application that provides weather information for cities by utilizing the OpenWeather API
- Built front-end components to display the data, utilized useState and useEffect hooks to keep track of and fetch weather data

MBot *View Project*

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

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

Leadership Experience

CodePath *Remote*

Technical Interview Prep Coach *Sept. 2022 - Nov. 2022*

- Facilitate technical mock interviews and pair programming for a group of students
- Answer technical questions relating to data structures and algorithms

ACM Cyber *La Jolla, CA*

Web Developer / Logistics Committee | *Gatsby.js, HTML/CSS* *Sept. 2021 - June 2022*

- Implemented the new design to the San Diego CTF website using Gatsby.js, which would be viewed by 1,000+ contestants
- Reached out to cybersecurity companies for club sponsorships and helped distribute prizes for the San Diego CTF competition