

Khien 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)
- **Relevant Coursework:** Data Structures, Algorithms, Software Engineering, Software Tools, Systems Programming, 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

Web Developer

La Jolla, CA

Human-centered eXtended Intelligence Lab

Jan. 2022 - June 2022

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

Web Developer / Research Assistant

Philadelphia, PA

Temple University Human-Computer Interaction Lab

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

Web Developer

San Diego, CA

Cut & Dry Barbershop

June 2021 - Sept. 2021

- Collaborated with a team of designers and researchers to help a local business revamp their online presence ([case study](#))
- Built the [website](#) using JavaScript and HTML/CSS, resulting in 1,000 new users and 2,000 views in the first month

Projects

Recipeal

[View Project](#)

- 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

The Weather Center

[View Project](#)

- 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](#)

- Built a discord bot with a currency/experience system for entertainment purposes using Node.js
- Stored user data using document schemas in MongoDB, hosted on Railway

Leadership Experience

Technical Interview Prep Coach

Remote

CodePath

Sept. 2022 - Nov. 2022

- Facilitated technical mock interviews and pair programming of challenging algorithmic problems for a group of students
- Answered technical questions relating to data structures and algorithms

Web Developer / Logistics Committee

La Jolla, CA

ACM Cyber

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