

# Khien Pham

San Diego, CA

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## Education

### University of California San Diego

La Jolla, CA

B.S. in Cognitive Science: Human-Computer Interaction, Minor in Computer Science and Design

June 2022

- **GPA:** 3.5 (Overall), 3.6 (Computer Science Minor)
- **Relevant Coursework:** Data Structures, Algorithms, Software Engineering, Systems Programming, Database Analytics, Data Science

## Skills

**Languages** JavaScript, HTML/CSS, Python

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

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

## Experience

### Web Development Intern

La Jolla, CA

Human-centered eXtended Intelligence Lab

Jan. 2022 - June 2022

- Developed an intuitive web application that allows ethnographers to create annotations from multiple streams of video data
- Significantly increased the space efficiency of the annotation timeline, enhanced video manipulation features for flexibility of use

### 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 Development Intern

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 a modern, user-friendly [website](#) that met the client's needs and goals, resulting in 1000 new users and 2000 views in the first month

## Projects

### Recipeal

[View Project](#)

- Designed and developed a responsive web application that allows users to store and organize their recipes, and search for new ones
- Utilized the SpoonacularAPI to retrieve new recipe data and created styled front-end components to display them

### The Weather Center

[View Project](#)

- Designed and developed a responsive React weather application that provides weather information for cities using the OpenWeatherAPI
- Built a user-friendly interface using styled front-end components, utilized state and effect hooks to keep track of and fetch weather data

### MBot

[View Project](#)

- Built a multi-purpose discord bot with a currency/experience system, mini-games, and administrative commands using Node.js
- Structured 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
- Provided personalized feedback on interview techniques and problem-solving strategies, resulting in a significant improvement in students' interview performance

### Web Developer / Logistics Committee

La Jolla, CA

ACM Cyber

Sept. 2021 - June 2022

- Implemented the design of the San Diego CTF [website](#) based off mockups using Gatsby.js, which would be viewed by 1000+ contestants
- Reached out to cybersecurity companies for club sponsorships and distributed prizes for the San Diego CTF competition