

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, Java

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 for ethnographers to create annotations from multiple streams of video data
- Refactored the annotation timeline to increase the time and space efficiency of editing and placing annotations
- Implemented video manipulation features such as scaling and dragging 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

The Weather Center

[View Project](#)

- Designed and developed a responsive React weather application that provides weather information for cities using the OpenWeatherAPI
- Merged 10+ pull requests for building the user interface with styled components and managing weather data utilizing state and effect hooks

Recipeal

[View Project](#)

- Designed and developed a responsive recipe manager application that stores and organizes recipes, and searches for new ones
- Resolved 10+ issues for implementing the CRUD functions, retrieving new data from the SpoonacularAPI, and creating styled components

MBot

[View Project](#)

- Built a multi-purpose discord bot with 15+ commands that includes a currency/experience system and admin functions 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, identifying areas for improvement and offering actionable suggestions for practice and preparation

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 50+ companies for club sponsorships and distributed prizes for the San Diego CTF competition