

# 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)
- **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, Java

**Tools/Frameworks** React.js, Node.js, MongoDB, Firebase, VSCode, Git, Arduino, 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 | *React.js, 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, 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

[View Project](#)

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

[View Project](#)

ELECTRONIC MACHINE | *Arduino, SolidWorks*

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

## 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, JavaScript, 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