

KHIEM PHAM

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EDUCATION

University of California, San Diego

Sept. 2018 - June 2022

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

La Jolla, CA

- **GPA:** 3.5 (Overall), 3.6 (Computer Science Minor)
- **Clubs:** Association for Computing Machinery (ACM), Institute of Electrical and Electronics Engineers (IEEE)
- **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

Certifications

CodePath Intermediate Software Engineering (June 2022 - August 2022)

EXPERIENCE

Web Developer

Jan. 2022 - June 2022

Human-centered eXtended Intelligence Lab

La Jolla, CA

- 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

Web Developer

Oct. 2021 - June 2022

Temple University Human-Computer Interaction Lab

Philadelphia, PA

- Developed a web application that augments digital whiteboards for design workshop participants by providing computational support
- Implemented logging script that captures user activity using JavaScript and records it to Firebase for later analysis

Web Developer

June 2021 - Sept. 2021

Cut & Dry Barbershop ([Case Study](#))

San Diego, CA

- Collaborated with a team of designers to help a 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 — *JavaScript, HTML/CSS, Bootstrap, Cypress, Netlify*

[View Project](#)

- Developed the CRUD functions for a recipe manager that manipulates 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 discover new recipes

MBot — *Node.js, MongoDB, Heroku*

[View Project](#)

- 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 — *Arduino, SolidWorks*

[View Project](#)

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

LEADERSHIP EXPERIENCE

Technical Interview Prep Coach

Sept. 2022 - Nov. 2022

CodePath

Remote

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