

# KHIEM PHAM

(703)720-0313 ◇ San Diego, CA

[khiempham841@gmail.com](mailto:khiempham841@gmail.com) ◇ [linkedin.com/in/kpham841](https://www.linkedin.com/in/kpham841) ◇ [github.com/kpham841](https://github.com/kpham841) ◇ [kpham841.github.io](https://kpham841.github.io)

## 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 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

**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

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