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 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