

Huyanh Hoang

Education

- 2013–March **Bachelor of Science, Informatics**, *University of California, Irvine*, Cumulative GPA: 3.4.
2018 Emphasis in Software Development and User Experience Design
Coursework: Databases, Data Structures and Algorithms, User Interaction Software, Senior Capstone Design

Experience

- January 2017 **Lab Tutor**, *UCI Information and Computer Sciences*, Irvine.
- Present
 - o Guide students through Data Structures and Algorithms lab assignments in a setting of 40+ students
 - o Provide student feedback to the professor and TA to improve lab sessions
- December **iOS Developer**, *UCI School of Medicine*, Irvine.
2016–Present
 - o Developing an iOS application using AVFoundation to mitigate the ringing sound of Tinnitus
 - o Creating an interface using Firebase to fetch sound files from Google Cloud Storage to persistent local data storage
 - o Designing the code architecture through requirement elicitation with doctors
- January **Cofounder**, *Rohm*, Irvine.
2016–January
 - o Rewrote over 4000 lines of front-end code in Swift and completed documentation from legacy iOS codebase

2017
 - o Created internal Agile framework for team to prioritize features, reducing development cycle into 1 week sprints
 - o Implemented lean startup techniques and conducted 20+ user interviews to discover problems and create solutions, cutting down 2 months of development time

Software Projects

- July **calorui**, *Independent Developer*, Irvine.
2016–Present
 - o Developing a mobile fitness application for iOS and Android using React Native and Firebase
- March **iXercise**, *UCI*, Irvine.
2016–June
 - o Conducted interviews and extracted requirements with doctors to build a web administration system for an exergame that supports the rehabilitation of recovering leukemia patients

2016
 - o Tested prototype designs with medical staff, performed modifications, and retested those modifications
 - o Learned to create a secure, user-centered application using Node.js, MongoDB, and D3.js

April 2016 **paso**, *LAHacks*, Los Angeles.
 - o Collaborated with business students to extract requirements to develop a fitness iOS application that donates a set amount of money to charity once the user walks 10,000 steps
 - o Adapted OAuth2 libraries to connect the backend FitBit API to the frontend logic

Leadership and Community

- June 2013 **Eagle Scout Project**, *Boy Scouts of America*, Westminster.
 - o Developed and led a project involving the creation of wooden storage shelves for children at a local elementary school; managed 15-20 volunteers

Skills

- o Proficiency in C++, Java, Python, Swift, iOS
- o Experience with HTML5/CSS3, MongoDB, Node.js, JavaScript, React, SQL, Linux
- o Knowledge in user personas, user interviews, prototyping, lean startup