

# Huyanh Hoang

☎ (562) 666-1609 | ✉ huyanh@uci.edu | 🌐 <http://huyanhhoang.co> | 📱 huyanh | 🌐 huyanh | 🇺🇸 U.S. Citizen

## Education

---

### University of California, Irvine

2013 - March 2018

BACHELOR OF SCIENCE, INFORMATICS

Cumulative GPA: 3.4

- Emphasis in Software Development and User Experience Design
- Coursework: Databases, Data Structures and Algorithms, User Interaction Software, Senior Capstone Design

## Experience

---

### Lab Tutor

January 2017 - Present

UCI INFORMATION AND COMPUTER SCIENCES

Irvine

- Guide students through Data Structures and Algorithms lab assignments in a setting of 40+ students
- Provide student feedback to the professor and TA to improve lab sessions

### iOS Developer

December 2016 - Present

UCI SCHOOL OF MEDICINE

Irvine

- Developing an iOS application using AVFoundation to mitigate the ringing sound of Tinnitus
- Creating an interface using Firebase to fetch sound files from Google Cloud Storage to persistent local data storage
- Designing the code architecture through requirement elicitation with doctors

### Cofounder

January 2016 - January 2017

ROHM

Irvine

- Rewrote over 8000 lines of front-end code in Swift and completed documentation from legacy iOS codebase
- Created internal Agile framework for team to prioritize features, reducing development cycle into 1 week sprints
- Implemented lean startup techniques and conducted 20+ user interviews to discover problems and create solutions, cutting down 2 months of development time

## Projects

---

### calorui

July 2016 - Present

INDEPENDENT DEVELOPER

Irvine

- Developing a mobile fitness application for iOS and Android using React Native
- Created a backend model for adding and updating calories via Firebase REST API calls

### iXercise

March 2016 - June 2016

UCI

Irvine

- Conducted interviews and extracted requirements with doctors to build a web administration system for an exergame that supports the rehabilitation of recovering leukemia patients
- Tested prototype designs with medical staff, performed modifications, and retested those modifications
- Learned to create a secure, user-centered application using Node.js, MongoDB, and D3.js

### paso

April 2016

LAHACKS

Los Angeles

- 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
- Adapted OAuth2 libraries to connect the backend FitBit API to the frontend logic

## Skills

---

<b>Proficient with</b>	C++, Java, Python, Swift, iOS
<b>Experience with</b>	HTML5/CSS3, MongoDB, Node.js, JavaScript, React Native, SQL, Linux
<b>UX Methods</b>	User Personas, User Interviews, Prototyping, Lean Startup