

# Huyanh Hoang

## Education

- 2013–Winter 2018 **Bachelor of Science, Informatics**, *University of California, Irvine*, 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

- January 2017–Present **Lab Tutor**, *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
- December 2016–Present **Freelancer**, *UCI School of Medicine*, Irvine.  
◦ Developed an iOS application utilizing AVFoundation to produce sound that eases the pain of Tinnitus patients  
◦ Designed the information architecture and codebase structure through requirement elicitation with doctors
- January 2016–January 2017 **Cofounder**, *Rohm*, Irvine.  
◦ Rewrote over 4000 lines of frontend code in Swift and completed documentation from legacy iOS codebase  
◦ Created an internal Agile framework for the team to prioritize features  
◦ Implemented lean startup techniques to discover user problems and create solutions

## Software Projects

- July 2016–Present **calorui**, *Independent*, Irvine.  
◦ Developing a mobile fitness application for multiple platforms using React Native and Firebase
- March 2016–June 2016 **iXercise**, *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
- April 2016 **paso**, *LAHacks*, Los Angeles.  
◦ Collaborated with non iOS developers 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

## Leadership and Community

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

## Skills

- Proficiency in implementation skills and algorithms with C++, Java, Python, and Swift
- Proficiency in creating user personas, conducting user interviews, prototyping, and lean startup
- Familiar with Cocoa API, Unified Modeling Language, HTML5/CSS3, Sketch, D3, MongoDB, Node.js, JavaScript, React, SQL, Linux