



Calvin Huang

Computer Scientist

Personal Info

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Summary

Recent graduate of University of California, Davis with a Bachelor's Degree in Computer Science. Aspiring app developer for mobile devices, mainly for the iOS platform. Quick to learn in new environments and always eager to discover new technologies. Looking for an opportunity to develop and hone my skills in order to expand my Computer Science knowledge and discover new friends along the way.



Experience

Computer Information Systems Tutor

College of Alameda - NOV 2014 to JUN 2016

- Administered and proctored academic and diagnostic assessments.
- Provided instruction for students to prepare them for their class material (ex: Python).
- Participated in training and development sessions to improve tutoring practices and learning techniques.
- Guided students through word processing applications, spreadsheets, and database management.



Projects

Web Development

Front-end / Back-end

- Designed and built websites (Weather page, Image-sharing site, Personal Site) using HTML/CSS/JavaScript/Node.js/Heroku.
- Used SQLite3, XMLHttpRequests, String parsing, and Callback functions to store and serve an image database.
- Created a Google Chrome Extension to actively filter out images, using Google Cloud Vision API.

iOS Development

UCD FoodConnect

- Built a social media platform for reducing food waste by allowing users to post and get information about leftover food.
- Developed using Swift + Xcode, with CocoaPods for external library implementation.
- Utilized Google's Firebase platform to manage database / user authentication / storage needs.

MacOS Development

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- A macOS toolbar application for automating display brightness based on if a power source is detected.
- Developed using Swift + Xcode.
- Used IOKit API to manage brightness levels (IOPowerSources.h)
- Listens to power events with a CFRunLoopSourceRef that notifies when power source information changes.



Education

University of California, Davis, Davis, CA

Bachelor of Science in Computer Science

SEP-2016 to JUN-2018



Skills

Experienced in

Swift
CocoaPods
Firebase
C
HTML / CSS
Javascript
Git
Photoshop
Illustrator
Python
C++
Node.js

Familiar with

Heroku
After Effects
Blender
Java
JSON
XML
LaTeX
React Native
NumPy
Pandas
scikit-learn
keras