

+ employment

Comcast

Software Engineer Intern

Sunnyvale, CA

Jun 2015 to Current

- Worked with a team of developers to create an Android app according to a specific UX design spec.
- Personally built many key features of the Android app's UI and backend.
- Helped to integrate the app with existing REST API's and used OAuth2 to authenticate a user.
- Participated in regular two-week sprints, using Agile methodologies.

Enthrall Sports

Software Developer

Huntington Beach, CA

Apr 2015 to Jun 2015

- Contributed several key features to a Vine style touch-to-record video sharing Android app using ffmpeg, including the touch-to-record feature as well as the video concatenation and video uploading features.
- Implemented a RESTful authentication system to allow users to log in via web and a mobile app as well as prevent CSRF attacks.
- Developed Android app to collect user's phone and music playlist info to be aggregated on a central server.
- Worked with a small team to create aggregate server in Java using the Play framework.
- Used Agile methodologies working closely with a small team to regularly finish and deliver sprint goals.

Symontek

Software Developer

Irvine, CA

Dec 2014 to Apr 2015

- Built a prototype Android app using RTSP to stream live video to a large screen.
- Designed and implemented a prototype Android app to collect music information from a user's phone and send their information to be aggregated on a central server at a sporting event upon arrival.
- Worked closely with teammates to implement an OSX/Cocoa app acting as a streaming video player and central server, using MySQL and WebSockets for storage and communication respectively.

Thales Group

Software Engineer Intern

Irvine, CA

Jun 2014 to Dec 2014

- Built an Android app from scratch to run on several different handsets, allowing users personalize their entire experience and log into an aircraft seat with their phone. Utilizing NFC and a background service running WebSockets for communicating and launching activities.
- Implemented an entire tile based interface using HTML5/CSS3/JS + jQuery, and integrated it into existing seat hardware.
- Worked with teammates to modify and integrate existing C++ eye-tracking and gesture recognition (OpenNI) code into new interface utilizing WebSockets + Play Framework for communication.
- Updated, maintained, and added significant features to existing UI.
- Created a remote controlled video player in OSX using Swift/Cocoa + Websockets

+ projects

Buttle

Desktop app to monitor ~/Downloads/ folder and actively sort downloads based on file extension. (Made with Python3 + Pync + wxWidgets)

Produce.me

Web app that takes a PLU code (from produce) and returns all relevant information about the fruit/vegetable along with top trending recipes involving that food item. (Made with Python/Django + Food2Fork API)

LegalEasy

Web app/service + Android app to help make legalese easier to read. (Made with Python/Django + Android)

stry

Web app to facilitate collaborative story writing, one line at a time. (Made with Python/Django + HTML/CSS/JS)

HiddenList

Small Django web app to allow anonymous users to create lists of bookmarks mapped to generated keys. (Made with Python/Django + HTML/CSS/JS + jQuery)

Fifteen

A Chrome browser extension to keep users healthy by encouraging exercise during Youtube videos. Made for the Women's Health Codeathon in Los Angeles (2015).

More on my Github!

www.github.com/caryando

+ education

California State Polytechnic University, Pomona

B.S. Computer Science 2016

GPA: (3.43/4.00)

Graduating: June - 2016

+ skills

PROGRAMMING LANGUAGES

Python

Java

Javascript

C++

HTML/CSS

Swift

SOFTWARE

Linux

Git

FRAMEWORKS

Android

Django

Play Framework (2.3.x)

wxWidgets (C++)

wxPython

OSX/Cocoa

iOS

+ extracurriculars

- Pyladies Los Angeles - Active Member
- Cal Poly Pomona CSS (Computer Science Society) - Active Member

Hackathons:

- HackPoly - "Produce.me"
- HackSC - "LegalEasy"
- LA Hacks - "SnapChess"
- Facebook Social Regional Hackathon - "Buttle"
- HackUCI - HiddenList
- Salesforce Summer of Hacks - "ILostMyPuppy"
- Women's Health Codeathon - "Fifteen"