

Anthony Y. Chan

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SUMMARY

A hardworking Computer Systems Engineering upperclassman proficient in both team oriented and independent problem solving, with strong working knowledge of Web Services, Back-End Server Programming, and Android Development.

EDUCATION

University of Massachusetts Amherst
B.S in Computer Systems Engineering

May 2018
GPA: 3.5

COURSEWORK

Introduction to Computation, Data Structures & Algorithms, Software Intensive Engineering, Computer Systems Lab I & II, Linear Algebra

WORK EXPERIENCE

Android Developer Intern, Lumme Incorporated

Summer 2016

- Startup's primary developer for enterprise level mobile application used to assist in smoking cessation
- Collaborated with Backend Developer to securely send and retrieve data from AWS servers.
- Worked alongside Project Manager to complete startup tasks i.e. Market Validation, Pitch Decks.
- Practiced the art of wearing many hats in growth-oriented startup environment.

Developers Hub, Umass M5 Engineering Makerspace

Fall 2016

- Designed workshop course for aspiring Android Developers to proactively learn and follow at their own pace.
- Amazing experience practicing the art of teaching, leading, and explaining complex ideas and processes.

Internship, Berthiaume Center for Entrepreneurship, Amherst MA

Summer 2015

- Key communicator & collaborator in development of the Center's academic courses and programs. Organized and led informational presentations for over 400 incoming freshmen.
- Assisted and led five weeks of experiential learning summer camp on Lean Launchpad Methodology to 30 high school entrepreneurs.

PROJECT EXPERIENCE

Zappos Challenge, Zappos.com

Spring 2017

- Designed & built Android application in a week which queried and displayed products from Zappos Servers.
- Efficiently learned & implemented ReST APIs, Data Binding, Google Material Design Guidelines into fully functional app.

TaskSet, Personal Project

Winter 2016

- Designing Android application that helps coordinate day-of event logistics and tasks for organizers.
- Gaining experience working with dynamic JSON oriented database options i.e. Google Firebase with Google Authentication.

imHere, HackUMass 2016, Umass Amherst

Fall 2016

- Refitted the Robin room booking system API to develop an attendance & sign in software service using IoT Estimote Beacons.
- Hands on experience learning and implementing Express.js calls to Node.js backend server to communicate with an API.
- Invaluable introduction to applications of Internet of Things, specifically Estimote Beacons.

ClassroomConnect, Software Intensive Engineering

Fall 2016

- Developed a web service which bridges the gap between professors & students during lectures.
- Successfully able to work with a core team to implement Websockets & MySQL server onto Google Cloud Services.
- Gained experience in delegating multiple skilled team members.

Frankenstein Pokémon Generator, HackBeanpot 2015, Boston MA

February 2015

- Developed web application with team of five programmers in Python and JavaScript which randomly generates new Pokémon, names, and descriptions based on body components of pre-existing Pokémon images.
- Researched & Implemented Markov Chain Python scripts on text corpus to output randomly generated Pokémon descriptions.

OTHER EXPERIENCE

M5 Laboratory Assistant, UMass Amherst Electrical & Computer Engineering Department

Fall 2016

Teaching Assistant, Isenberg School of Management, New Venture Creation

Fall 2015

IT/AV Director, TEDxAmherst 2015

Spring 2015

SKILLS

Android, Java, C/C++, Matlab, Git, PHP, MySQL, JavaScript, jQuery, Express.js, Node.js, HTML, CSS

ACTIVITIES

TEDxAmherst 2017, Umass Hip Hop Club, HackUMass, Berthiaume Student Innovators