

Winnie Liang

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TECHNICAL SKILLS

Java (Working Knowledge)

C++ (Basic Knowledge)

Python (Basic Knowledge)

HTML & CSS (Basic Knowledge)

Web Development (Basic Knowledge)

Android Development (Basic Knowledge)

IOS Development/Swift (Basic Knowledge)

Git/Github (Working Knowledge)

EDUCATION

STATE UNIVERSITY OF NEW YORK AT BUFFALO - Computer Science B.S.

Graduation: **August 2016** GPA: **3.014**

Relevant Coursework:

Data Structures, Algorithm Analysis, Digital Systems, Programming Language, Operating Systems, Data Mining, Software Engineering, Programming Languages, Theory of Computation, Machine Learning, Computer Vision and Image Processing

EXPERIENCE

PROGRAMMING EXPERIENCE

“Sobel Filter Implementation” | Personal Assignment

July 2016

A Python implementation of image convolution using Sobel filters. Utilized Python CV2 libraries.

“Language Interpreter I, II, III” | Personal Assignment

Feb 2016 - May 2016

A small language interpreter written in three languages (Python, SML, Java). The interpreter reads in an input file which contains lines of expressions, evaluates them, pushes into a stack. Results are written to output files.

“IBetterMe” | UBHackathon Mobile App

Nov 2015

An Android application written in Java that aims to improve the lives of people with disabilities. Includes a medical note reminder, voice recognition from speech to text, and voice commands. Front-end developer and graphic designer.

“HealthyHarvest” | J.P.Morgan’s Code for Good App

Nov 2015

An Android application to support the Feed the Children non-profit organization’s mission to feed millions of families nutritious foods dedicating to SNAP recipients. The app allows local grocery stores and restaurants to post excess food towards donation to the recipients. Collaborated on front-end design using Android Studio IDE.

“Fairwell” | Personal Team Project

Sept 2015 - Dec 2015

An IOS application written in Swift and Objective-C of a debt management solution for college students. Worked with several team members who implemented the Android and Web alternative platforms. Utilized Parse for the back-end cloud service.

WORK EXPERIENCE

Employer and Alumni Relations Team at UB Career Services

Sept 2015 - August 2016

Providing general support and assistance for trend research, up-to-date social media, and hiring opportunity searches. Editing the STEM UP mobile app for our school’s annual career fair. Analyzing data and generating a variety of Google doc reports.

Student Assistant at Academic Services for Student Athletes

July 2014 - May 2015

Front-desk assistant. Fulfilling academic reports, progress reports, travel letters, and assigned projects from advisors, administrative assistant, and Sr. Associate AD. Monitoring athletes while academic study hours.

ORGANIZATION

StudySoup

Jan 2016 - May 2016

An elite note taker for the StudySoup student community.

Association of Computing Machinery (UB ACM)

Jan 2015 - May 2016

A previous participant and marketing team member of this SUNY Buffalo Department of Computer Science club.

Scientista Foundation Chapter at UB

Jan 2015 - May 2016

A previous member of the Scientista Foundation chapter that supports women in science and engineering.