**First Last**

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**Education**

**Binghamton University**, State University of New York **Expected** **May 20XX**

Bachelor of Science, Computer Science

**Major GPA: X.XX/4.00 | Overall GPA: 3.78/4.00 | Dean’s List: Fall 20XX – Present**

**Onondaga Community College**, State University of New York **May 20XX**

Associate of Science, Individual Studies

**Final GPA: X.XX/4.00 |** **Presidential Scholar (Full scholarship)**

**Technical Skills**

**Languages:** C++, C, Objective-C, Java, Python, Scala, Visual Basic .NET, X-86 Assembly

**Software and OS:** XCode, Eclipse, Android Studio, Git, Logisim, IDLE, Linux, OS 10, Vim

**Additional:** XML parsing, TCP/IP familiarity, basic HTML, Java web applets, basic SQlite, digital circuit design

**Professional Experience**

**Binghamton University, Undergraduate Research Assistant** Binghamton, NY, **January 20XX-Present**

-Currently extending iOS app functionality to demonstrate time complexity of various sorting algorithms with timed demo

-Writing HTML files for use in UIWebView to provide background information on various sorting algorithms

-Designed iPhone interface using storyboards while prioritizing ease of use and aesthetic appeal

**Ernst & Young, Trajectory Program Internship** Binghamton, NY/New York, NY, **August 20XX-December 20XX**

-Collaborated in team of six to conduct risk assessment by developing tool using Microsoft Excel and Visual Basic .NET

-Designed UI for risk assessment tool by organizing tool into sections and controlling work flow of the tool

-Developed risk rating methodology to identify and assess areas of high risk

-Analyzed security environment and related risk for bank infrastructure

-Presented final recommendations to Ernst & Young executives at the NY headquarters

**University of Massachusetts, National Science Foundation Research Assistant** Amherst, MA, **May 20XX-August 20XX**

-Computing Research Experience for Undergraduates (REU)

-Automated spline conversion from Pro/ENGINEER to SolidWorks for CAD interoperability project

-Extended scala middleware to generate XML for splines from Pro/ENGINEER part files

-Designed Visual Basic code for importing splines to native SolidWorks format

-Presented results at both the Computer Science and Mechanical Engineering sessions

**Projects**

**iOS Developer** Canton, NY, **December 20XX- Present**

-Design and develop ‘True or False Equations’ math game for iPad currently on sale in iTunes using Xcode 5 for iOS7

-Design and develop ‘Greater Than, Less Than or Equal To’ math game for iPad also on sale in iTunes

-Receive over 1000 downloads in less than two months

**Android Developer**  Canton, NY, **July 20XX-Present**

-Design and implemented simple math game using Java and XML formatting in Android Studio

-Publish app to Google Play store

**Arduino Programmer** Canton, NY, **February 20XX-Present**

-Program open source electronics platform using Serial C to play musical songs through 8-ohm speaker

-Push all source code to a public GitHub repository

**Binghamton University, Java Co-Programmer** Binghamton, NY, **October 20XX-December 20XX**

-Implemented Pippin assembler in Java to take in and assemble an assembly file, and display memory content in GUI

-Managed project using GitHub Version Control System and met specifications using JUnit testing

-Documented code using JavaDocs

**Binghamton University, Python Co-Programmer**  Binghamton, NY, **October 20XX-December 20XX**

-Used Python to access SQlite database, modularized functions for use in GUI (Tkinter)

**Leadership Experience**

**Binghamton University ACM Chapter,** **Secretary,** Binghamton, NY **November 20XX-Present**

-Maintain records for the chapter and organize campus events, including recruiting speakers for ACM events

-Present to groups of 100-300 prospective members to recruit for the chapter

**SUNY Broome, Tutor for Physics, Calculus and Chemistry,** Binghamton, NY **December 20XX-May 20XX**

**-**Tutored groups of up to 10 students in various science and mathematics subjects

**SUNY Broome, Student Ambassador,** Binghamton, NY **September 20XX-May 20XX**

-Led tours to promote college to groups of up to 30 prospective students and parents

**Employment**

**Top Rated Seller, eBay Online Marketplace June 20XX-Present**

**Customer Service Representative, Fiacco Management, LLC** Canton, NY, **April 20XX-September 20XX**