Software Engineering Intern Software Engineering Intern Software Engineering Intern - Lockheed Martin Owego, NY Work Experience Software Engineering Intern Lockheed Martin - Owego, NY May 2014 to Present Working on secret project for the US Coast Guard HC-144A and HC-130J using Java iOS Developer Binghamton University - Owego, NY December 2013 to Present Designed and developed multiple math games for iPad and iPhone currently on sale in iTunes using Xcode 5 for iOS7 ! -Received over 2500 downloads in less than five months Secretary Binghamton University ACM Chapter - Binghamton, NY November 2013 to Present Present to groups of 100-300 prospective members to recruit for the chapter Android Developer Binghamton University - Owego, NY July 2013 to Present Designed and implemented simple math game using Java and XML formatting in Android Studio ! -Published app to Google Play store Arduino Programmer Binghamton University - Owego, NY February 2013 to Present Programmed open source electronics platform using Serial C to play musical songs through 8-ohm speaker ! -Pushed all source code to a public GitHub repository Undergraduate Research Assistant Binghamton University - Binghamton, NY January 2013 to Present Extended iOS app functionality to demonstrate time complexity of various sorting algorithms with timed demo -Wrote 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 Java Co-Programmer Binghamton University - Binghamton, NY October 2013 to December 2013 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 Trajectory Program Internship Binghamton University - New York, NY August 2013 to December 2013 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 Amherst, National Science

Foundation Research Assistant Binghamton University - Amherst, MA May 2013 to August 2013 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 Tutor for Physics, Calculus and Chemistry SUNY Broome - Binghamton, NY December 2012 to May 2013 Tutored groups of up to 10 students in various science and mathematics subjects Student Ambassador SUNY Broome - Binghamton, NY September 2012 to May 2013 Led tours to promote college to groups of up to 30 prospective students and parents Additional -US Government Security Clearance -Basic verbal/written Spanish skills Python Co-Programmer Binghamton University - Binghamton, NY October 2012 to December 2012 Used Python to access SQlite database, modularized functions for use in GUI (Tkinter) Education Associate of Science in Individual Studies Broome Community College, State University of New York May 2013 Bachelor of Science in Computer Science Binghamton University, State University of New York April 2000 Links http://www.linkedin.com/in/keithgardner2 Additional Information Technical Skills Languages: C++, C, Objective-C, Java, Python, Scala, Visual Basic .NET, X-86 Assembly Software and OS: XCode, Eclipse, Android Studio, Git, SVN, Logisim, IDLE, Linux, OS 10, Windows, Vim Additional: XML parsing, TCP/IP familiarity, basic HTML, Java web applets, basic SQlite, digital circuit design, Finite Automata

Name: Patrick Collier

Email: aaronvasquez@example.com

Phone: (937)920-3770x9572