HAMZA HAWKINS

EDUCATION

B.S. in Applied Computer Science, George Mason University   2013 –present
- Expected graduation in 2017

TECHNICAL SKILLS

Operating Systems: Windows, Ubuntu, Linux
Languages: Python, Powershell, Java, C++, C# Javascript, CSS, HTML, SQL

EXPERIENCE

Software Engineer Intern, Microsoft   summer 2015
- Worked on the SQL Azure Performance team
- Developed features in C# for a diagnostic tool in troubleshooting performance problems
- Developed features in C++ and C# for SQL Azure in the SQL Engine and frontend
- Acquired an understanding in working as a software engineer on a large scale

Explorer Intern, Microsoft   summer 2014
- Worked on the SQL Azure Connectivity and Availability team
- Developed a diagnostics tool for assisting engineers in investigating login failures
- Worked as a software developer engineer, software test, and program manager
- Acquired a general understanding of working in software engineering companies

Teacher, Game Design @ George Mason University   summer 2013
- Developed course curriculum with my mentor at GMU
- Taught game design using App Inventor

Student, BDPA's Youth Technology Program   2013
- Learned how to program websites in HTML, JavaScript, and SQL

Volunteer/Intern/Student, Uplift Inc.   2010 - present
- Taught Cesar Chavez Fellows students how to develop Android apps using App Inventor
- Demonstrated how to program a mobile app to control the Lego Mindstorms NXT Robot
- Lead developer for Word It, a Python program that runs on the One Laptop Per Child
- Interned as an assistant teacher in programming, robotics, and game design
- Demonstrated how to build Lego Mindstorms NXT Robots

Co-founder, Snikwah Interactive   2006 - present
- Designed and programmed video games and utility applications for PC and mobile
- Designed and published company website and personal website
- Designed and developed websites for customers

PRESENTATIONS

Created Apps at the 3rd Annual Digital Media and Learning Conference in California, 2012
- Participated in student panel discussion about a community garden app for Android

Workshop at the 3rd Annual Digital Media and Learning Conference in California, 2012
- Guided conference attendees in programming an application using App Inventor

Youth AppLab at the 2nd Annual Digital Media and Learning Conference in California, 2011
- Programmed a business card application using App Inventor in under 30 minutes