

SKILLS

Created nine user-friendly and fully functional computer and mobile applications, including five Android applications on Google Play. Proven ability to diagnose, troubleshoot, and resolve technical problems. Quick learner with strong working knowledge of software, hardware, networking, and operating systems. Outstanding communication skills; demonstrated background teaching elementary thru high school students Scratch, App Inventor, and Stencyl. Analytical and problem-solving abilities, developing mobile applications that solve problems.

TECHNICAL QUALIFICATIONS

Operating Systems: Windows, Ubuntu, Linux
Software Applications: Microsoft Office, Scratch, App Inventor, Stencyl, Racket/WeScheme
Languages: C++, Python, Ruby, Ruby on Rails, Java, HTML

EDUCATION

B.S. in Applied Computer Science, George Mason University 2013 – present

- Expected graduation in 2017
- Current courses include Precalculus, Sociology, Geography, Art History, and History

EXPERIENCE

Teacher, Game Design @ George Mason University summer 2013

- Developed course curriculum with my mentor at GMU
- Taught game design using App Inventor at George Mason's Arlington campus during the summer of 2013

Student, BDPA's Youth Technology Program 2013

- Learned how to program websites in HTML, JavaScript, and SQL

Volunteer, Executive Board Member, DCMIST 2012 - present

- Help plan and organize a competition that brings together high school students from around the DC Metropolitan Area to develop leadership, communication, and other creative and academic skills

Volunteer/Intern/Student, Uplift Inc. 2010 - present

- Taught Cesar Chavez Fellows students how to develop Android apps using App Inventor during the Spring of 2013
- Demonstrated how to program a mobile app to control the Lego Mindstorms NXT Robot during Take Your Daughters and Sons to Work Day at the National Science Foundation in 2013
- Showcased programs that I developed at DC's Hottest Start-ups Showcase during DC Digital Capital Week 2012
- Develop Asteroids 2.1 during intensive 1 week Bootstrap class during the summer of 2012
- Lead developer for Word It, a Python program that runs on the One Laptop Per Child in four weeks during the summer of 2012
- Voluntarily taught Scratch to elementary and middle school students for an after-school class, Intro to Programming, for the 2011-2012 school year
- Interned as an assistant teacher in programming, robotics, and game design during the STEM Summer Camp 2011
- Developed Color Tap using App Inventor, programmed a business card app using App Inventor in less than 30 minutes during the 2nd Annual Digital Media and Learning

HAMZA HAWKINS

hamzahawkins@hawkinsinc.net

Conference in California, and developed a NXT Robot Controller to control the Lego Mindstorms NXT Robot in 2011

- Demonstrated how to build Lego Mindstorms NXT Robots at Building a Broadband Bridge during DC Digital Capital Week 2011

Computer Technician, Hawkins Inc.

2007 - present

- Troubleshoot and repair computers
- Build computers, install hardware, and install software

Co-founder, Snikwah Interactive

2006 - present

- Designed and published company website, snikwahinteractive.com and personal website, hamzahawkins.com
- Designed and programmed Android apps and traditional video games for PC

PRESENTATIONS

Student Created Apps at the 3rd Annual Digital Media and Learning Conference in California, 2012

- Participated in student panel discussion about a community garden application for the Android phone

App Inventor 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

LOCAL AND NATIONAL MEDIA INTERVIEWS

Teen Designed Emergency App Keeps Your Loved Ones at Ease and Reflects Importance of Youth Innovation in Tech, 2013

- [Silicon Angle](#)

DML Conf 2012: We Came, We Saw, We Presented!...and had a great time!

- HASTAC (Humanities, Arts, Science, and Technology Advanced Collaboratory)

Our World- A Slice of Life , 2011

- (Black Enterprise TV at 1:18)

Young Muslims Place High in Local Robotics Competition, 2008

- (local community newspaper)

AWARDS

Most Persistent, Uplift Inc for XO AppLab, 2012

First Place, DC Mist Competition for Business Venture, 2011

Silver Medal NAACP ACT_SO Competition for Original Essay, 2010

First Place, Patriots 2nd annual Renewable Energy Technology Competition, 2010

Second Place Seeding, Eleventh Place All-Around, DC Regional Botball Competition, 2009

Seventh Place Seeding, Eighth Place All-Around, DC Regional Botball Competition, 2008