Caitlin A. McDonald
Computer Science & Design
East Lansing, MI

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EDUCATION

Michigan State University – GPA 3.85
B.S. Computer Science & Engineering
Design Specialization

East Lansing, MI, USA
August 2011 – Present
Graduation: May 2015

EXPERIENCE

Folyo
CTO & Co-Founder

East Lansing, MI, USA
October 2013 – Present

- Design & develop the web application (http://www.folyo.co)
- Research competitors and new applicable technologies
- Manage social media presence (Twitter, Facebook, Pinterest, Instagram, etc.)

Spartan Innovations Michigan State University
Web & Mobile Development Intern

East Lansing, MI, USA
Fall 2013 – Present

- Design & develop web sites, Android, & iOS applications
- Work closely with clients and co-workers to ensure the appropriate and desired branding/image was created

Microsoft Windows Azure Team, Fabric Controller
Program Manager Intern

Redmond, WA, USA
Summer 2013

- Designed, developed, and tested a user interface for a prototype that included demonstration walkthroughs with potential to serve as plugin for real-time diagnostics.

Michigan State University College of Engineering
Teaching Assistant for CSE 231, Introduction to Programming I (Python)

East Lansing, MI, USA
Fall 2011 – Present

- Facilitate learning in the laboratory environment (around 22 students)
- Inspect and score weekly programing assignments
- Develop presentations to review programming skills and priciples for students

Michigan State University College of Engineering
Student Research Assistant

East Lansing, MI, USA
Summer 2012

- Analyzed gesture research and human-robot interaction studies
- Designed gesture recognition software using C# and the Kinect
- Programmed movement and intention gestures for humanoid robot

LANGUAGES & SKILLS Most familiar with *

Python *	JavaScript	MySQL	Visual Studio
PHP	C++ *	OpenGL	Eclipse
HTML	Visual Basic	Android	phpMyAdmin
CSS	Java	C#	

HONORS & ACHIEVEMENTS

First Place at Lansing Startup Weekend Folyo, Startup Weekend
Dean's List College of Engineering
Honors College Michigan State University

October 2013
Fall 2011 – Summer 2012, Spring 2013
Spring 2012 – Present

LEADERSHIP & ACTIVITIES

Ladies First, A Cappella Public Relations Manager — 2011 – 2013
Women in Computing Webmaster & Social Media, Past Treasurer — 2011 – 2013
Microsoft Student Ambassador — 2013
Girl Scout Workshop Workshop Leader/Instructor — 2012 – 2013
Grace Hopper Women in Computing Conference Student Attendee — 2012 – 2013
Michigan Women in Computing Conference Student Attendee — 2013
MSU Women's Leadership Conference Student Attendee — 2012