Caitlin A. McDonald

Computer Science & Engineering
East Lansing, MI

www.caitlinamcdonald.com
caitlin.adele.mcdonald@gmail.com
989.488.3855

EDUCATION

Michigan State University - GPA 3.75 — East Lansing, MI, USA
B.S. Computer Science & Engineering (GPA 3.87), Design Specialization — August 2011 - Present
Honors College Member, Dean's List Member (5/7 Semesters) — Graduation: May 2016

EXPERIENCE

Microsoft OneDrive Team, Windows Phone — Redmond, WA, USA
Software Developer Intern — Summer 2014
Developed & tested new sharing UX for the WP OneDrive app (improved share success rate from 18% to 67% in two weeks). Built custom contact-selection dropdown control. Developed & tested Recycle Bin page & functionality.

Folyo www.folyo.co — East Lansing, MI, USA
CTO & Co-Founder — Oyctober 2013 - June 2014
Designed & developed the web application. Researched competitors and new applicable technologies. Hired development team and managed development schedule. Experienced the LLC formation process.

Spartan Innovations Michigan State University — East Lansing, MI, USA
Web & Mobile Development Intern — August 2013 - May 2014
Designed & developed web sites and Android applications. Worked closely with clients and co-workers to ensure the appropriate and desired branding/image was created. Advised startups on technological challenges.

Microsoft Windows Azure Team, Fabric Controller — Redmond, WA, USA
Program Manager Intern — Summer 2013
Designed, developed, and tested a user interface for a prototype of a new Azure infrastructure, including implementing a demo walkthrough. Platform had potential to serve as a plugin for real-time diagnostics.

Michigan State University College of Engineering — East Lansing, MI, USA
Teaching Assistant for CSE 231, Introduction to Programming I (Python) — August 2012 - Present
Facilitate learning in the laboratory environment (around 22 students). Inspect and score weekly programing assignments. Develop presentations to review programming skills and principles for students.

HACKATHONS & PERSONAL PROJECTS

HackMIT 2nd Place Overall & Best User Experience: Hopscotch — October 2014
Bar hop companion app -- Utilized bluetooth-enabled breathalyser -- Built with Ruby on Rails -- Ongoing

MHacks IV Ziggeo API Prize, Venmo API Prize, Best Domain Name, 3rd Place UX from IBM: Goalkeeper — September 2014
Social goalkeeping platform -- Involved videographic proof & monetary incentives -- Built with Ruby on Rails -- Ongoing

HackIllinois Top 10 Hack & Venmo API Prize: Split — April 2014
Bill-splitting app -- Wrote bill-splitting algorithm for complex arrangements -- Built with Ruby on Rails -- Ongoing

Deep Web Hackathon SXSW First Place: Hype — March 2014
Audience hype/activity monitoring -- Uses accelerometer data to track movement -- Built with Node.js (web) and Android

Startup Weekend First Place: Folyo — October 2013
Social platform for artists & art enthusiasts -- Built site with HTML, CSS, PHP, MySQL -- Helped build business model

LEADERSHIP & ACTIVITIES

Women in Computing Vice President, Past Webmaster, Past Treasurer — 2011 - 2015
Designed & built website, organized & fundraised for 17 undergrad students to attend GHC (Largest group MSU has ever sent)

Spartan Hackers President, Founder — 2014 - 2015
Plan workshops, tech talks, & small hackathons and organize hackathon trips for a group of 60+ students

SpartaHack Executive Director, Co-Founder — 2014 - 2015
Lead organizer for a 20+ person team for a (planned) 36 hours long, 300-student hackathon.

Ladies First, A Cappella Public Relations Manager — 2011 - 2015
Entrepreneurship Association General Member, Past Webmaster — 2013 - 2015
Microsoft Student Ambassador — 2013 - 2015
Girl Scout Technology Workshop Workshop Leader/Instructor — 2012 - 2014
Grace Hopper Women in Computing Conference Student Attendee — 2012 - 2014

LANGUAGES & SKILLS Most familiar with *

Python *	HTML *	CSS *	JavaScript	PHP	Android
C++ *	Ruby on Rails *	Sass	JQuery	MySQL	Java

WORK & PORTFOLIO

LinkedIn
www.linkedin.com/in/mcdonaldca

GitHub
www.github.com/mcdonaldca

Portfolio
www.caitlinamcdonald.com