

MICHELLE MABUYO

COMPUTER SOFTWARE ENGINEERING STUDENT

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EDUCATION

UNIVERSITY OF
ALBERTA

BSc Computer Engineering, Software Co-op

GPA: 3.3 / 4.0 | Expected Completion: May 2017

EXPERIENCE

COOP STUDENT - MOBILE TEAM

JAN - AUG 2015
MAY - DEC 2016

EDMONTON, AB

Public Health Agency of Canada

- Developing, testing and documenting a cross-platform mobile application to support data collection for the Canadian Network of Public Health Intelligence platform
- Working independently on primarily front-end development using evolutionary prototyping to deliver a beta version of the product within the eight month deadline
- 🔧 Apache Cordova, JQuery Mobile, KnockoutJS, CSS, i18next, Android, IBM's MobileFirst

Deloitte

- Replaced laptops for over 50 employees, prepping laptops, troubleshooting data migration issues and decommissioning end-of-lease laptops
- Prioritized and delivered regular depot activities such as hardware equipment sign-outs, incident management, processing hires & departures

TECHNOLOGY SUMMER STUDENT

JUN - AUG 2014

EDMONTON, AB

PROJECTS

MODERNIZED WEASLEY CLOCK

(HACKATHON)

A Harry Potter-inspired clock that shows the location of family members

- Hack the North 2016 Winner, team of two
- 🔧 iOS app, Swift, hardware: Particle Photon, Neopixels and sensors

HAMSTER HOME

(HACKATHON)

A webpage connected to a hamster cage that monitors a hamster's wellbeing

- Hack The North 2015 Winner, Firebase API Winner, team of two
- 🔧 Bootstrap, Firebase, Arduino, Raspberry Pi

FLIGHT BOOKING

A command-line interface for a flight booking system

- Databases course project, team of three
- 🔧 Python, SQLPlus

LEADERSHIP

GIRLS CODING CLUB VOLUNTEER

DiscoverE - University of Alberta (2013 - 2017, 4 semesters)

- Teaching grades 3-5 girls computing science concepts using Scratch, website development and Python

Engineering Students' Society (2015 - 2017)

- Chief Editor of *The Bridge*, the engineering student magazine

Computer Engineering Club (Winter 2017)

- Organizing ECE Week & HackEd, representing the club to industry sponsors

AVP PUBLICATIONS

VP EXTERNAL

SKILLS

- Proficient in Python, Java and Javascript. Basic knowledge of C.
- Proficient in Cordova. Basic knowledge of iOS and Android development.
- Proficient in HTML, CSS, KnockoutJS and JQuery Mobile.