

Alyssia Jovellanos

<http://linkedin.com/in/alyssiagcodes> | alyssiajovellanos@gmail.com | 647.974.2845

EDUCATION

MCMASTER UNIVERSITY

BASC IN COMPUTER SCIENCE

Graduating June 2019 (Expected)

Hamilton, ON, Canada

- Attending on \$60 000 scholarship
- Faculty of Engineering (Honours)
- Rising Junior

GPA: 3.9/4.0 (2016-17 School Year)

COURSEWORK

UNDERGRADUATE

Data Structures & Algorithms

Applications of Software

Software Design

Discrete Mathematics

Functional Programming

Unix Tools and Scripting

Databases

Computational Thinking

(Undergraduate Teaching Assistant)

SKILLS

PROGRAMMING

Languages:

Java • Python • Bash • Swift

SQL • LaTeX • HTML / CSS

Frameworks / Libraries / Tools

Git • Android • iOS

PUBLIC SPEAKING

- Grace Hopper Celebration of Women in Computing (2016 Keynote)
- FIRST Robotics Canada District Competition (2017 Opening)
- CanCODE Canada (2017 Keynote)
- Conference for Diversity in Engineering (2017 Keynote)

AWARDS

- 2017 Microsoft Scholar
- 2017 Wilson Leadership Scholar
- 2017 Harvard WeCode Scholar
- 2016 Student of Vision ABIE Award
- 2016 Canada Next Great Innovator
- 2016 Code to Win Finalist
- 2014 Future Dragon Award
- 2014 Mayor's Citizenship Award

EXPERIENCE

INTUIT | SOFTWARE ENGINEERING INTERN (SECURITY)

Expected May 2017 – Aug 2017 | Mountain View, CA

- Shipped a key Q1 Fiscal Year '18 continuous integration tool suite to provide signing & validation of code archives, enabling Intuit's secure move to AWS
- Providing alerting infrastructure on providence validation for artifacts staged as part of the continuous deployment process or deployed to AWS Lambda
- Launched & presented company-wide at quarterly all-hands

ROYAL BANK OF CANADA | SOFTWARE DEVELOPMENT INTERN

May 2016 – Aug 2016 | Toronto, ON

- Nominated for "Student of the Year" across all of RBC's Student Programs (800+ students per term)
- Delivered a prototype application which was released to market in early 2017
- Pitched and demoed to the client's Board of Directors
- Shipped key features and improved efficiency on in-house web apps in Java

RESEARCH

MCMASTER COMPUTING & SOFTWARE: TOOL FOR CHANGE |

RESEARCH ASSISTANT, OUTREACH INSTRUCTOR

May 2015 – Aug 2015 | Hamilton, ON

- Developed & designed online learning tools using ELM, used by 8000+ students to-date via McMaster's Computing & Software Outreach Program
- Researched methods for building tools catered toward first-time learners
- Delivered workshops to 2500+ students in Hamilton & the GTA

AWARD-WINNING PROJECTS

UNITED WAY X RBC | #ICANLIVewithOUT - WON 1ST PLACE

Mobile application created to increase brand awareness & donations for United Way, passed on to production at RBC, successfully launched internally early 2017, launched for the public on iOS & Android May 2017

PROJECT JENNY | WON 1ST PLACE, PEOPLE'S CHOICE

Texting service that returned Google top-box search results via SMS

HARVARD MEDICAL SCHOOL | DEJAPU - WON PEOPLE'S CHOICE

Image recognition solution allowing Harvard researchers to make inferences on eating behaviour via analysis of excrement images

CANADA'S NEXT GREAT INNOVATOR | INSIGHTS - WON 2ND PLACE

Augmented reality solution to streamline consumer interactions in banking for the Royal Bank of Canada (account status, inventory, advertising)

LEADERSHIP

- 2017-Present **Anita Borg Institute:** Co-Chair, ABIE Awards Committee
- 2015-Present **CS Outreach:** Volunteer Instructor for Disadvantaged Kids
- 2015-Present **Women in Computing McMaster:** Founder & Chair
- 2014-2016 **DeltaHacks:** Co-Founder & Director, 1000+ Students
- 2015-2016 **McMaster Computer Science Society:** President
- 2015-2016 **Microsoft:** Student Partner (MSP), Evangelist