

# YULIANA HAVRYSHCHUK

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## TECHNICAL SKILLS

C++, Objective-C, Python, Java, Node.js, Bash scripting, Git

## EDUCATION

**Univ. of Waterloo** Bachelor of Mathematics, Computer Science and Statistics Double Major (3.5/4.0 GPA)  
2013 - Present Graduating in December 2018

## WORK EXPERIENCE

- Apple Software Engineering Intern**  
Vancouver, Canada  
Sept - Dec 2016  
May - Aug 2017
- Worked on Apple's productivity apps (iWork), for iOS and macOS using Obj-C
  - Wrote a script to speed up project build times by 19% for over 170 iWork employees
  - Introduced accessibility features such as dynamic text sizing throughout the apps
  - Collaborated with the design team to develop and implement new features for Pages
  - Fixed UI and performance bugs, and improved existing features based on user feedback
- XE.com Software Development Intern**  
Newmarket, Canada  
May - Aug 2016
- Created an application to generate hourly currency charts, host the graphics, and display them on the front page of XE.com using AWS tools
  - Developed a custom skill for the Amazon Echo that uses the XE API to answer voice-activated currency exchange questions and is integrated with the company mobile apps
  - Wrote a testing program that verifies the output of a new application against the older build
- Travelers Canada Data Analyst Intern**  
Toronto, Canada  
May - Sept 2015
- Automated the creation of multiple reports which previously had to be produced manually: weekly, monthly or quarterly

## PROJECTS

**Personal Website** made using html, css, javascript (including Tic-Tac-Toe and Minesweeper games)  
**Facial Expression Classification Program** for 8 emotions, written in Python  
**Sentiment Analysis Program** for Amazon Book reviews, written in Python  
**Chamber Crawler** terminal game, written in C++

## VOLUNTEERING EXPERIENCE

- Hack the North Platform Developer**  
Feb 2017 - present
- Worked on the Hack the North API service for organizing hackathons
  - Created an application that allows the team to send batches of important emails, bypassing server greylisting measures
  - Implementing push notification system for our mobile apps, to be used during the event
- Hack the North Sponsorship Co-ordinator**  
Mar 2016 - Feb 2017
- Established financial and strategic partnerships with sponsors to ensure success of the event
  - Organized the hackathon workshops and events to provide a good experience for attendees