

# YULIANA HAVRYSHCHUK

yhavrysh@uwaterloo.ca | yulihav.github.io | 226-989-7598

## SUMMARY OF TECHNICAL SKILLS

Experienced with: Java, Node.js, C++, C, Python, Scheme, Bash scripting, git, Linux, Maven

## EDUCATION

### University of Waterloo

2013 – present

Double Major in Computer Science and Statistics (3.7/4.0 GPA)

Candidate for Honours Bachelor of Mathematics (3B Term)

## WORK EXPERIENCE

### XE.com

Newmarket, ON

May – present

#### Software Development Intern

- Created an AWS Lambda function to generate hourly currency charts, host the images on S3, and display them on the front page of XE.com
- 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 blended rates output against an older build
- Technologies used: Java, Node.js/JavaScript, Mockito, AWS

### Travelers Canada

Toronto, ON

May – Sept 2015

#### Data Analyst Intern

- Created a dynamic model that illustrates areas of strength and weakness within the company. Pricing teams in the department use it to communicate their needs with the executive team
- Automated the creation of reports containing data from multiple sources, which previously had to be produced manually: weekly, monthly or quarterly
- Analyzed large data sets using SQL, in order to produce meaningful conclusions and reports

### John Hancock

Boston, MA

Sept – Dec 2014

#### Data Analyst Intern

- Wrote VBA scripts to automate the production of dynamic sets of deliverables
- Built illustration models to ensure that all aspects of a new product were understood within other teams and departments, in order to secure successful implementation
- Tested sensitivities to ensure that the product was profitable in adverse circumstances

## PROJECTS

### Personal Website

- Built a multi-page website as a portfolio in order to gain experience with web-development
- Contains: Minesweeper with customizable difficulty and a timer, and Tic-Tac-Toe

### Chamber Crawler

- Designed and implemented a text based game as a console application using C++
- Players choose a race and play through 5 levels of battling enemies, and using gold and potion objects

### Modeling Apple Returns

- Used R to model the return on Apple stock (impossible, but a very good learning experience!)

### Coursera

- Currently taking courses on Machine Learning and Cryptography

## LEADERSHIP ROLES

### Hack the North

Mar 2016 – present

#### Sponsorship Coordinator

- Contributed to the planning and improvement of the event by using data collected in prior years
- Established financial and strategic partnerships with sponsors to ensure success of the event

### Mathematics Society

Jan 2015 – Sept 2015

#### Financial Director

- Assisted in budgeting for faculty events by analyzing data collected through student surveys
- Led information sessions advising students on financial aid, and how to manage finances