YULIANA HAVRYSHCHUK

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SUMMARY OF TECHNICAL SKILLS

Experienced with: C++, C, Java, Bash, Python, Scheme, git, HTML, CSS, R, VBA

EDUCATION

University of Waterloo
2013 – present

Double Major in Computer Science and Statistics (3.7/4.0 GPA)
Candidate for Honours Bachelor of Mathematics

WORK EXPERIENCE

XE.com
Newmarket, ON
May – present

Software Development Intern
- Implemented a testing program that verifies output against an older build, in order to automatically generate data integrity reports to IT
- Developing a custom skill for Amazon Alexa that answers voice activated currency exchange questions using live data from the XE API
- Technologies used: Java, Node.js/JavaScript, SQL, PHP, Docker, redis, Spring, Play, 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 with an AI

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

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

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

Mathematics Society
May 2014 – Jan 2015

Executive Assistant
- Planned social and academic events, and reviewed executive budgets and financial statements
- Facilitated communication between students, faculty and external organizations