

YULIANA HAVRYSCHUK

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Summary of Technical Skills

Experienced with: C, Python, HTML, CSS, R, SQL, VBA

Currently learning: C++ and Bash (university courses), JavaScript and Java (tutorials online)

Education

University of Waterloo
2013 – Present
3B Term

Candidate for Honours Bachelor of Mathematics

Majoring in Computer Science and Statistics as of January 2016

Previously majoring in Actuarial Science

Work Experience

Travelers Canada
Toronto, ON
May – Aug 2015

Actuarial Intern

- Created a dynamic model using VBA 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
- Used VBA to automate the creation of reports containing data from multiple sources, which previously had to be manually produced weekly, monthly or quarterly
- Used SQL to analyze large data sets and produce meaningful conclusions and reports

John Hancock
Boston, MA
Sept – Dec 2014

Actuarial Intern

- Developed VBA skills by creating macros to automate the production of over 1000 deliverables
- Built illustration models in Excel to communicate with other teams and departments, and ensure that all aspects of a new product were understood
- Delivered presentations to the Pricing department and other interns regarding new product specifications

Projects

HTML, CSS, JavaScript

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

C Adventure Game

An RPG where the user chooses where to go, and makes decisions, in order to kill the dragon and save a princess from the dungeon. Playable from the command line

Python

Vocabulary Game

- Words and possible definitions are randomly loaded from the HTML of a website. The user has to match the definition to the word. It is playable from the command line

Capitals of the World Game

- Countries and their capitals are loaded from the HTML of a website. The user has to enter the correct capital for a country. Hints can be given. Playable in the command line

Tic-Tac-Toe

- The user plays against the computer programmed with AI. Also playable from the command line

Volunteering

Mathematics Society
Jan 2015 - Sept 2015

Financial Director

- Assisted in budgeting for Faculty and Club events by collecting data through student surveys and analyzing needs of students in the math faculty
- Organized information sessions to advise students on available financial aid, and on how to best manage their finances while in University

Mathematics Society
May 2014 - Jan 2015

Executive Assistant

- Was responsible for communication between students, faculty and external organizations
- Planned social and academic events, and reviewed executive budgets and financial statements