

EDUCATION

Candidate for **Honours Computer Science (Bioinformatics Option)** at University of Waterloo (Sept 2014-Present)

SKILLS

Languages:

- Proficient with C, C++, Racket, BASH scripting and Linux
- Familiar with HTML and CSS through the creation of my website, and SQL
- Currently learning Java and Python

Tools:

- Proficient with Github, Adobe Photoshop and Microsoft Excel
- Previous co-op experience with MySQL databases, JIRA, Trello, HP ALM (QC), XML files and RESTful APIs

RELEVANT COURSES

Foundations of Sequential Programming, Data Structures and Data Management, Computer Organization and Design, Object Oriented Software Development, Logic and Computation, Introduction to Combinatorics

EXPERIENCES

Junior QA Specialist, ICF Olson

January - April 2016

Toronto, Ontario

- Worked in an agile environment and was a primary source of reference for test case production and execution for multiple applications for projects (Boston Pizza, ALDO, SmokeFreeTxt and Cineplex)
- Performed functional, performance and regression testing on various iOS/Android/web applications
- Utilized mobile simulator to load test back-end applications used by 30,000+ users
- Ensured data integrity and database management through retrieving JSON data of receipts and receipt algorithms for a Boston Pizza application
- Presented a three-week simulation of a web application to clients through executing and modifying SQL scripts
- Logged and tracked defects identified during testing using JIRA, Trello and Teamwork
- Enhanced leadership abilities through training colleagues and new employees
- Communicated with developers to view progress of application and discuss crucial bugs

Test Analyst, CIBC Wealth Management Technology

May - August 2015

Toronto, Ontario

- Executed test scenarios on the anti-money laundering mainframe application
- Performed data-mining to extract data for building test case scenarios and evaluated results/defects
- Successfully handled defect management by reporting bugs using ALM and re-testing after mitigation
- Independently performed user acceptance testing (UAT) cycles on the mainframe application

PROJECTS

Chamber Crawlers 3000 (CC3K)

July 2016

- Built a command-line modified version of the game Rogue using C++ and managed version control through Git
- Implemented object-oriented software engineering design patterns for the 10,000+ lines of code

Mastermind

December 2016 - Present

- Currently building the software version of the four-colour decoding game using C++
- Using object-oriented programming style and implementing a randomizer to select the initial four-colour code

AWARDS

Scholarship to attend Grace Hopper Conference 2016 in Houston, Texas, by the University of Waterloo

ACTIVITIES

Media Coordinator, University of Waterloo Bioinformatics Club

May - August 2016

- Helped organize social and educational events for fellow peers to raise awareness of bioinformatics software

INTERESTS

- Participating in hackathons such as Hack The North (Canada's largest hackathon)
- Learning about virtual reality
- Travelling and photography