DHRON JOSHI

2B Computer Science
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SUMMARY OF QUALIFICATIONS

C/C++	1 year programming in the context of algorithm design, data structures, and OOP.
Bash & Linux	1 year developing in a Linux environment.
Racket	8 months programming in the context of designing programs in a functional paradigm.
Git	Current and consistent use of version control, and pushing to GitHub.
HTML/CSS	Familiar with designing and coding web pages, and implementing web frameworks.
Soft Skills	Able to easily simplify and explain technical information, excellent verbal and written skills with a focus on professionalism and working in a team, solid time management and organizational skills. Quickly adaptable to other programming languages.

EDUCATION

Candidate for *Bachelor of Computer Science, Honours Co-op*   September 2015 - Present
University of Waterloo   Waterloo, ON, Canada

Relevant projects:

Criss-Cross Puzzle Solver   December 2015

- Applied the knowledge of graph theory and wrote a Racket program that solves Criss-Cross puzzles given the puzzle's text file and a set of strings as potential fillers.
- Each string is tested in a potential spot and the state of the puzzle is altered with the correct string is placed.
- Program is efficiently written, thoroughly tested and completes the given puzzle with minimal runtime.

Relevant courses:

- Object-Oriented Software Development (C++), Designing Functional Programs (Racket), Elementary Algorithm Design and Data Abstraction (C)
- Introduction to Academic Writing, Communications in Mathematics and Computer Science
- Codecademy: JavaScript and PHP Courses

WORK AND RELEVANT EXPERIENCE

Konnichiwa Japan Club - Language & Culture Exchange Team   January 2016 - April 2016

- Productively worked under time constraints to create and host events throughout the term: Japanese Calligrpahy Day, Japanese Cooking Day, Japanese Games Night.
- Acted as a dependable outlet of information to individuals who wanted to learn about Japanese culture which created a passionate learning environment pertinent to the club's vision.
- Executed well-planned events with the team that led to an overall positive club involvement by members.

Kumon - Workbook Grader   June 2013 - September 2013

- Quickly graded multiple student's math and English work to give immediate feedback to improve their understanding of errors.
- Effectively explained and communicated errors in student's work which resulted in higher grades in subsequent assignments.