DHRON JOSHI

2B Computer Science

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EXPERIENCE

Language Experience

C++/C, HTML/CSS/JS, Bash, Racket, Python, Scala (in order of proficiency)

University of Waterloo   Sept 2016 - Dec 2016
Instructional Support Assistant

- Improved students' understanding of object-oriented software development by teaching and leading tutorials.
- Class midterm average was improved by 7% from previous term's administration.
- Developed new tutorial and review content to aid in students' learning throughout the term and contributed content that other ISA's can use in the future.
- Enhanced presentation skills on technical topics and explaining concepts about C++ and object-oriented design.

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.

PROJECTS AND EXTRACURRICULARS

Neuroscience, Mobility, and Balance Lab   Jan 2017 - Present
Research Volunteer

- Currently processing clinical data for the Ontario Brain Institute and the ONRI (Ontario Neurodegenerative Research Initiative) Database.
- Using GAITrite programs to analyze relationship between gait and disorders related to mobility by the brain.

Switter — HackHarvard   July 2015 - April 2016
Financial Decision Web App

- Collaborated in a group of four to develop a web app that uses performs sentiment analysis on tweets containing stock symbols.
- Learned and used React, Redux, and Chart.js to implement a beautiful and functional interface in the front-end.
- https://github.com/rametta/Switter-client

EDUCATION

Candidate for *Bachelor of Computer Science*   September 2015 - June 2020 (Expected)
University of Waterloo   Waterloo, Ontario, Canada

Relevant Coursework
Object-Oriented Software Development (C++), Data Structures and Data Management, Foundations of Sequential Programs (MIPS, C++, Scala, Racket), Elementary Algorithm Design and Data Abstraction (C).

SKILLS AND INTERESTS

Skills	Photoshop, Latex, MS Excel
Interests	East Asian Languages, Bioinformatics, Functional Programming
Hobbies	Violin, Dragon Boating, Magic Tricks