

CRYSTAL YIP

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EDUCATION & SKILLS

Bachelor of Arts & Science (BSc), Major in Computer Science 2016 - 2021
University of Toronto, St. George Campus

- GPA: 3.76/4.00
- Coursework: Computer Organization, Software Design, Intro to Artificial Intelligence, Data Structures and Analysis

TECHNICAL SKILLS

- Java
- Python
- Git
- Object Oriented Programming
- JavaScript, HTML, CSS, SQL
- Verilog, Assembly

WORK EXPERIENCE

City of Markham, Markham, ON 2015 - 2016
Program Instructor

- Instructed various programs for young children and developed strong leadership and communication skills
- Collaborated with instructors to develop and execute action plan for camp program and fostered a productive team experience for both campers and instructors

PROJECTS

Discussion Forum, Gift the Code 2017 2017

Discussion forum implemented with JavaScript, HTML, CSS, Bootstrap

- Developed the front end of a discussion board for the AutismOntario charity at Gift the Code 2017
- Backend in working progress to allow the discussion board to function for the AutismOntario community

Photo Tagger 2017 - present

A photo management program implemented with Java, JavaFX

- Created tagging system that allows users to organize their photos using several Java OOP design principles

VOLUNTEER EXPERIENCE

Spirit of Life Organization 2013 - 2016

Dragon Boat Team Member

- Participated with special needs youth in dragon boat practices every summer to teach youth the importance of teamwork
- Assisted parents and the Spirit of Life team by supervising special needs youth on race day; ensured the safety of all participants

Art Program Instructor

- Instructed art lessons for special needs youth and ensured every class was organized and ran smoothly