# Ibrahim Jomaa

**401-895 Kennedy Road, Toronto, ON M1K 2E9**

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https://github.com/Function-0            https://www.linkedin.com/in/ibrahim-jomaa

## SOFTWARE DEVELOPER
### Web Development | Software Development | Software Design

- Programming Languages (1+ years): Python (4+ years), C#, JavaScript, C, Java, C++
- Confident in front-end web development related technologies (2+ years): HTML, CSS, Photoshop, After Effects
- Familiar with jQuery, Bootstrap, and Qt frameworks
- Experience with querying an Oracle 11c database, Virtual Machines, Linux/Unix environments
- Exceptional collaborative ability acquired from acting as Team Leader for the designing of an SRS document
- Concise written communication skills proven by acting as a volunteer notetaker for university students

## Education

Centennial College

Software Engineering Technology (Co-op) – Advanced Diploma                      Toronto, ON

(GPA: 4.454/4.5)                      Graduation expected in December 2021

*Relevant coursework*: Java Programming (in progress), Web Application Development (in progress)

*Academic Projects*:

- Oversaw a 5-person group term project for the development of an SRS document for a hypothetical MAC app
- Developed a variety of C# programs utilizing knowledge of OOP concepts, with command line and GUI interfaces
- Designed front-end web development websites in HTML, CSS, JavaScript and jQuery
- Performed queries on an Oracle 11c database to solve business related inquiries
- Devised Bourne shell and Python scripts operating under a Linux/Unix environment

University of Toronto

Completed 7/20 credits towards a HBSc. in Computer Science                      Toronto, ON

– Software Engineering Specialist (Co-op)                      September 2016 – April 2018

- Acquired Entrance Scholarship of $3000 (Admission Grade Average > 95%)

*Relevant coursework*: Introduction to Computer Science II, Software Tools and Systems Programming

*Academic Projects*:

- Constructed solutions to many thought intensive Python coding assignments, with subjects including linked data structures and recursion, which strengthened problem solving abilities
- Assembled a command line application with 3 ppm image format manipulation functions, and a ppm image database based upon a tree data structure, in C
- Created a simple platformer game, graphics-wise, in Verilog, coding 12+ hours daily before the game's deadline

## Independent Projects

DRO Client                      September 2019 – Present

- Improved upon code in the open source chat client software *DRO Client* in C++, serving over 1000 users, programmed under the Qt framework

Personal Website Portfolio                      April 2019 – Present

- Built a website from scratch with Bootstrap that showcases relevant projects completed, hosted on Centennial College student web servers

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## Experience

<u>University of Toronto</u>                                                          Toronto, ON
*Volunteer Notetaker – AccessAbility Services*                              September 2016 – August 2017
- Composed effective and clear course notes in a periodic and on time manor that fellow students in the same course used as additional learning material, helping them achieve academic excellence

<u>Sunnybrook Hospital</u>                                                          Toronto, ON
*Volunteer Gift Shop Attendant*                                          May 2015 – August 2015
- Greeted and took part in encouraging conversations to patrons with physical disabilities and the elderly, promoting a positive workspace within the gift shop for everyone
- Responded to telephone order for in-store deliveries, handled cash/debit/credit purchases in a fast-paced environment, and re-sorted/stocked items with minimum supervision
- Entrusted with the counting and storing of sales earned on current shifts, which included writing/updating record documentation, and the manual analysis of arithmetic errors

## Extracurriculars

<u>University of Toronto</u>                                                          Toronto, ON
*Member – Computer Science Enrichment Club*                              September 2016 – February 2017
- Learned supplementary knowledge on computer science related topics through weekly 2-hour seminars, whilst handling a full course load, prioritizing both tasks appropriately