**Education**

2019 – present Department of Mathematical and Computational Sciences and the Department of Economics at the University of Toronto

Anticipated Graduation date: Bachelor of Science June, 2023

CGPA: 3.69

2017 – 2019 Rick Hansen Secondary School, Mississauga, ON, Canada

High School Diploma

**Academic Honors**

2019 – present Dean’s List, University of Toronto

2018 – 2019 Ontario Scholar

2016 – 2017 MYP Honors

**Profile**

Design oriented and innovative mind; Passion for problem solving; Exceptional communication and interpersonal skills

**Languages**: English (fluent) Arabic (fluent)

**Programming Languages:** Python, Java, R, Assembly Language, Latex, Racket, Haskell

**MS:** Word, PowerPoint, Excel, Publisher, PowerAutomate, PowerApps

**Work Experience**

**Bently Nevada, Baker Hughes GE May 2021 – August 2021**

*(Services Intern)*

* Curated a library of scope that can be utilized by field engineers when creating reactive quotes.
* Further improved the efficiency and user-experience of a CPQ tool to better the company’s ability to track quotes and forecast more accurately.
* Testing the new proposed changes for the CPQ tool and gathering feedback from other users to help identify areas for improvement.
* Created training content for future users of the tool ensuring their proficiency when the tool rolls out.
* Conducted the preliminary research for possible platforms available to BN to host different forms of content and then suggested which platform would be ideal.

**Projects**

**Java, Physics Aid Program (Team)**

*Identified the optimal solution to aid high school students in learning and understanding physics concepts.*

* Identified possible solutions that could be implemented.
* Ensured that the software was user-friendly through testing.
* The program was evaluated by a couple physics teachers to ensure the effectiveness of the software.

**Python, Huffman Tree Program – Compressing and Decompressing Files**

*Used recursion concepts to create a program that compressed and decompressed files using Huffman Trees.*

* Established requirements to reach the desired outcome.
* Used Pytests to ensure the efficiency of the code.
* Utilized the Huffman Algorithm and recursion.

**Python Airline’s Frequent Flyer System**

*Used inheritance and composition to create a system for frequent flyers.*

* Identified requirements and concepts to maximize efficiency.
* Utilized composition, inheritance and OOP (object oriented programming).

**Java Transit System (Team)**

*Used several design patterns to create a bus and subway transit system.*

* Utilized requirements to efficiently design the program with the use of UML (Unified Modeling Language) diagrams.
* The program was made user-friendly by using JavaFX to create the interface.
* A guide to using the program was written to aid the ‘client’ in using the system.

**Extra- Curriculars**

**Volunteering**

* Rise against hunger

*Packaged food rations which will be shipped to refugee camps across the world.*

* Women’s shelter

*Packaged toys for the women in the shelter and their children for Christmas.*

* Tutoring (40+ hours)

*Tutored students in grades 9-11 in mathematics, English, and Science at Rick Hansen Secondary School.*

**Organizations:**

* WISC – Women in Science and Computing

*A mentor for incoming freshmen science student.*

* VOLUNTeam

*Member the volunteering team for the student union at UTM (University of Toronto Mississauga).*

* Frosh/Orientation

*A frosh leader for the incoming freshmen students for the year 2020-2021.*

*Despite the cancellation of the in-person welcome week, all the leaders I persevered and created a welcoming environment for the incoming class by holding virtual events.*

* DECA – Distributive Education Clubs of America

*Competed in a team event with a partner and reached the provincial competition in*

*Ontario.*

* Lebanese Student Association (LSA)

*The Events Coordinator for the LSA for the academic year of 2020-2021.*

**References**

*Furnished upon request.*