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Objective

A motivated, fast learning and an adaptable Engineering student seeking for an opportunity to learn and use my skills about Engineering and Programming through an Internship in the Summer of 2019 .

Highlights of Qualifications

- **Technical Skills:** Python, Java, MATLAB, LaTeX, Autodesk Inventor and Beginner HTML & CSS.
- **Design & Other Technology:** Adobe Photoshop, FinalCut Pro, Microsoft Office, WIX & WordPress.
- **Academic Skills:** Calculus and Linear Algebra, Physics, Chemistry, Statistics & Economics.
- **Lab Experience:** Chemistry, Physics & Python Programming. 60hrs total of experience include recording, application and communicating results from the lab professionally.

Education

- **Bachelor of Software Engineering CO-OP** — Hamilton, ON, Canada
  *McMaster University; Cumulative GPA: (**3.98/4.00**)* — *Sep. 2018 – Present*
- **Ontario Secondary School Diploma** — Brampton, ON, Canada
  St. Edmund Campion Secondary School; Graduated with Honours: (93/100) — *Sep. 2014 – Jun. 2018*

Volunteer Experience

- **Volunteer - Teaching Assistant** — Brampton, ON, Canada
  DPCDSB, St. Josephine Bakhita Elementary School — *Sep 2017 - Jan 2018*
  - Volunteered as a Teaching Assistant at St. Josephine Bakhita Elementary School.
  - Taught and assisted students with their academics and other skills or needs.
  - Assisted the teacher with managing the class and preparing for the next day's lessons.

Projects

- **MathOps Calculator:** A Python based application that calculates the Derivative & Integral functions, Slope, Definite Integral & Graphs the Polynomials Functions and Differential Equations using Matplotlib (Graphing) and TKinter (GUI). GitHub: Click Here *Apr. 2019 - Jun. 2019*
- **Personal Website:** A website about my self, my interests and my future projects created using HTML and CSS which I am learning through this project. Progress: Click Here *In Progress*
- **3D Design Project:** A team project to create a 3D printed prosthetic hand using Autodesk Inventor that performs functions such as grabbing and more. Project's design process included professional stages such as detailed sketching, detailed design, simulation & analysis, prototyping and more. Images from Design Process: Click Here *Winter 2019*
- **Transportation Device Project:** A team project to create a solution for a client who had Multiple Sclerosis and had discomfort while holding and transporting cargo on her wheelchair. Project's design process included professional stages such as sketching, prototyping, metrics, evaluating and more. Images from Design Process: Click Here *Fall 2018*

Extracurricular and Other Activities

- **SumoBot Club/Competition Team Leader:** A team competition to build a SumoBot using Arduino and 3D Printing to battle with the other teams at the end of the term. Placed top 16/60. *Jan. 2019 - Apr. 2019*
- **EPIC Labs:** Labs conducted monthly using Python allowing to learn more about Python and real life applications using what is learned in class. Eg: Raspberry Pi Robotics, ASCII Art Generator *Fall 2018*
- **Other Clubs and Activities:** McMaster Artificial Intelligence Society & Phase0ne *Jan. 2019 - Present*
- **Tutoring:** Helping students from my high school or peers voluntarily every weekend with Calculus, Physics, Chemistry or Programming. *2017 - Present*

Accomplishments

- **McMaster Dean's Honour List:** Given based on a minimum 9.5/12 GPA on 30 units since last assessed.
- **McMaster Honour Award:** Given to students with entrance average of 90 - 94.99.
- **Ontario Scholar, Honour Roll (Grade 12, 11), Subject Achievement - Advanced Functions**