WORK EXPERIENCE FILLING IN:

TITLE: Co-Founder and Primary Programmer

ROLE DESCRIPTION:

As the primary programmer, I developed a mobile website (https://entray.ca) to facilitate dine-in services at restaurants. The website was created using the Django framework, hosted on AWS elastic beanstalk and implemented a stripe as the payment gateway.

The project overall processed over 100 transactions, had acquired three paying clients and secured the team a place in the final round of a summer start up competition.

TITLE: Web Developer and Tech desk assistant

ROLE DESCRIPTION:

Maintaining the EJ Pratt, including, working on the front end, adding features such as autocomplete, information retrieval and general assistance with any technical questions that library patrons would have

TITLE: Data Modeling Teaching Assistant

ROLE DESCRIPTION:

Conducting lab sessions for the students, and facilitating learning on topics such as SQL, JDBC programming, relational database and, structured database application

TITLE: Financial Director

ROLE DESCRIPTION:

Maintain the financial records for the student body association for the Academic year (2019-2020) including budgeting. I am responsible for ensuring sufficient funds for social, academic and professional development programs hosted by the club.

TITLE:

Communication Liaison and Team Member

ROLE DESCRIPTION:

A consulting project in analyzing the role of technology (specifically around artificial intelligence and machine learning) in disrupting the traditional consulting practices in the big four. A comprehensive report was produced to study the current market expectations and how auditing consulting firms would need to pivot to meet the demands.

TITLE:

Intern - Nanotechnology Lab

ROLE DESCRIPTION:

Design and construct soft robots that would actuate under an external stimulus so be able to provide sufficient force (as a result of volume expansion) to eventually be used in biomedical applications.

TITLE:

Team member

ROLE DESCRIPTION:

Design and construction of a dual gantry 3D printer to produce parts using the material PEEK (polyether ether ketone). These parts would be used in the construction of aircraft attenuators and would eventually replace standard aluminum attenuators. PEEK’s high melting point and geometrical shape of the attenuators cannot be reproduced by commercial 3D printers and a construction of one was necessary.