To whom may concern,

It is my great honor to introduce myself and apply for the Graduate Technology Leadership Program. I am a 4th year student who are studying for major combined in Computer Science and Statistics with a three-year programming experiences and two-year data analysis experiences and will graduate on this summer. Additionally, I have been a Data Science Co-op student for 3 months in my first coop work term this summer with China Construction Bank Fintech Ltd and then start from January 2020, I am serving for BC Ministry of Forest, Lands and Natural Resource Operations as a Data Wrangler Co-op student for 1 year. Since all my previous job are related very closely to the data science area, I believe what I can offer will be suitable to who your program is looking for. Furthermore, my interest is on the area of data science, artificial intelligence, business intelligence solutions and data visualization area.

I always had a keen interest in data science, especially in data analysis and specializing business intelligence and big data area. Nowadays, I believe that those latest technology areas will close related to the all-area of the daily business. I am familiar with Tableau, R, SAS and python modules (Pandas, Sklearn, ntlk, etc.) and currently I am taking the courses about Spark and Hadoop. In the meantime, I am studying for the IBM Data Science course in the Cousera and will finish it soon. I am experienced in R and Python, SQL, Matlab and Java languages. I am familiar with Pandas, Nltk, skilearn, numpy and scipy packages in python. I also had some experience about visualizing data via data tools such as Tableau, Power BI, or Dash and matplotlib module in python. I have received 80% plus grade in most of third or fourth year courses and especially the data related courses, which demonstrate that my learning skill is suitable for the master program. I also know the knowledge about algorithm of data mining and artificial intelligence which can help me to analysis the result and make the predict though those algorithms and make the script automatically. I am also familiar with the database system, Excel and MonogoDB. I am pretty sure that I am the person that suitable for the program. In addition, I also have lots of experience on the business arrangement, design and analytic work, I believe I can handle various different requirement and assignment from my instructor.

As I mentioned above, I have also doing the data internship in my first coop work term in China Construction Bank Fintech Ltd for 3 months. I join the team of Anti-fraud department and working for building the software that can detect the transactions as suspect fraud risk or not. During that period, I took in charge of collecting and analysis the data from the suspect transactions and build the model for the relationship between different attributes of a fraud transaction. As for my last Co-op term in Ministry of FLNR, I am taking in charge of QA/QC process for the dataset from our climate monitory system and the tree monitory system, I using R code to apply machine learning algorithm and statistical analysis combined with the climate method in order to analysis the dataset and also using the professional way to deal with the gap data.

As a student who are very interested to work with the data in the future, I deeply realized that the Data Science will play a key role in various of different area in the daily life. The data science will have the solution for making our life more convenience and predictable. I hope I can get a chance to deeply learning the science and I really appreciated if the commit can consider my application. Thanks so much for your time, I sincerely hope the honor of having a learning opportunity in the Telus.

Sincerely yours,
Zimeng(Brandon) Ming