**STATEMENT OF PURPOSE**

My initiation into the world of computers came about at a time when I was brimming with curiosity to learn the technology computers entailed. Over the years, my fascination for computers transformed to a passion for the same. Every time I come across the new technology, I get intrigued and have a desire to explore each aspect of it to the core. Here are innovations that keep evolving not only technically but also hold infinite scope for logics and creativity. I feel a similar sense of exhilaration when I see my code run successfully. And it is this love of programming, combined with my desire to dig deeper into the working of various application and technologies, which propels me to study further in this area.

I undertook my undergraduate degree in Computer Science Engineering from Chinkara University, Himachal Pradesh, India. Introduction to various subjects during my undergraduate degree like, Programming Languages, Algorithms, Operating Systems, etcetera, it got me curious to explore various domains of Computer Science. The thirst for practical knowledge and the desire to implement it, led me to join a project team, in my college technical fest for developing a web and an Android Application. I was excited by the different platforms that developers had access to and what applications, running on those platforms, were capable of achieving.

Working on the projects gave me a sound technical base. But the greatest advantage of involving myself in these activities was that I developed the ability to multi-task efficiently. Alongside academics, I was actively involved in many extra-curricular activities. I participated in many workshops and seminars on new emerging technologies. I have completed my Bachelors with a **CGPA of 8.39** and I was amongst the top five scorers of the batch and scored overall **7.5 bands** in my IELTS test.

After the completion of third year of my Bachelor’s degree, I did my internship with Bank of New York Mellon Technologies where I learned the basic concepts of Core Java, J2EE, Spring MVC, Oracle Database and Angular JS. As a result of my good performance during the period of my internship I was offered a full-time opportunity to work as an Application Developer in the firm.

Currently I am Working in Bank of New York Mellon Technologies, Pune, India as an **Application Developer** from June 2017. My project is Pershing Managed Investments which is a BNY Mellon platform that drives superior growth by providing a comprehensive, intuitive managed investments user experience for the broker-dealer/RIA and financial professional. My role as an Application Developer in a Database team is to design, develop and maintain tables, views, indexes, constraints, triggers, cursors and other database objects.

Now, after having acquired the basic aptitude, skills, knowledge and work experience in the field of Computer Science and Engineering, I feel this is the apt time to pursue my graduate study in the field of my interest. Browsing the pages of **Carleton University’s** website, I find myself certain that pursuing this program is the ideal step for my academic as well as professional career. After researching on the courses offered by the University, I have decided to apply for **Master of Engineering - Electrical and Computer**.

The curriculum and research interests of **Master of Engineering - Electrical and Computer** offered at **Carleton University** align with much of my own and being a part of such a facility would enable me to make use of resources and facilities of the university. A well-established curriculum covering this wide an array of topics with such state of art facilities would certainly allow me to understand and be a part in modern development. The Master of Engineering - Electrical and Computer will surely substantiate me with right acquaintance, dexterity and practice to accomplish my professionalism. Advanced Computer Communications, Distributed Systems and Model Driven Development of Real Time Software are among the few courses, which I wish to pursue there.

My profile is having all the pre-requisites for the admission and I have secured my admission in the University. Also, I have paid 10,492 CAD in my tuition fees and 10,200 CAD in Scotia Bank’s Student GIC Program to cover my first year living expenses.

One of the biggest reasons I chose Canada for my Post graduation is the quality of a Canadian education. A Canadian degree is widely recognized as equal to one from the United States, Australia, or the United Kingdom, and Canadian universities consistently do well in international rankings.

Canada was the first choice for me when I was in a phase to choose a country for my post-graduation.

Canadian college and university graduates are highly-valued on the job market, and people who study there have been able to find great jobs in any field they’re interested in. Studying in Canada will definitely provide me an innovative and challenging environment in which I can create and nurture my true potential providing me a strong base for boosting my career and building my future. Immediately after joining the program, I aim to work towards my degree and concentrate on the major skills.

After completion of my masters in Canada, I want to come back to my Home country and work in an IT industry with outstanding skillset I obtained as an Electrical and Computer engineer.IT sector has been in a growth rate over the past five years and is expected to grow year by year in the future. This also offers wide job opportunity in India as well as in the foreign countries and there will be a huge demand for IT professionals in near future. That is why, I would like to come back to my home country to serve my country and move ahead to make my future bright.

My ultimate goal in the long run is to start an organisation that focuses on development of new technologies that will help me build my career in correct direction. Hence, after completing my Master’s program I am confident that I will easily get a suitable job in leading IT organizations in India.

Thanking you for giving me an opportunity to express myself.

Shreya Taneja