

## Statement of Intent

*Education is the most powerful weapon which you can use to change the world. -Nelson Mandela*

Being in the midst of an intellectual revolution, we are capable of changing and revolutionizing human life. The modern-day machines have always fascinated me and with their boundless possibilities, they offer scope for exploring infinite opportunities. I believe that an advanced degree in Applied Data science will equip me with the knowledge and skills required to unearth the best of technology for the amelioration of humanity.

My keen interest in technology impelled me to pursue my undergraduate studies in Information Technology from Maharshi Dayanand University, Rohtak, IN. The coursework with its emphasis on theoretical fundamentals exposed me to the vastness of the field and an extraordinarily strong curriculum introduced me to a wide spectrum of courses. I gained comprehensive theoretical and practical knowledge in areas such as advanced software technologies, Computer Architecture & Organization, Multimedia Technologies, Rapid Application Development, Database Management, Data Warehousing & Data Mining, Distributed Operating System, Visual Programming. During my graduation, I covered one major project e-Healthcare Management System. This system was basically designed for university medical college, and in addition to that, I prepared one minor project: Android Chess game, which was a multiplayer application. I have always believed that the real worth of knowledge is when one puts it into a practical use.

After completing my under-graduation, I started my professional journey with Kazzam software solution, as a Software Developer. I worked in that organization for 2 years. While working there, I got the opportunity to work and learn about a wide verity of technologies such as Java programming and Database managements. After 2 years of working in that organization, I decided to pursue other opportunities and then I received an offer from a Software developer, where in my first year, I got the best 'Innovative Software Developer of the year' award. I worked with Tavant Technologies for 3 years. At that time of my career multinational company, HCL technologies, where I worked as a Lead Software Engineer in the Western Union project. I worked in that esteem organization for 1 year and then I moved to Tavant technologies as a Senior progression, I decided to take on a bigger role and I joined one of prestigious organization in India, Altran Technology as a Software Engineer/Innovation Lead. In this role, I expanded my horizon with new skills and tools like MuleSoft, Talend, Apache Airflow, Apache Kafka that benefited my organization to get a new customer – Samsung SDS, of IoT domain.

In my current role, I am mentoring junior developers and leading a team of 10 people. Though challenging, I was intent on pursuing the path I had set for myself many years back. My hard work coupled with smart work brought me to where I wanted to be at this stage of career graph. By now, I had gained recognition from top tier professionals of the company for delivering project modules in a short span of time. This experience deciphered to me that each advancement in technology will open a door to additional information and scope for learning, and while I continue to contribute, I should also continue to learn and gain knowledge with the passage of time. I think, now the time is ripe for me to step on a new adventure and embark on an educational journey that has been presented to me in the form of a master's program.

The different exploration territories that I researched in the University I partner myself with must-have multiple domains such as Data Science, Data Mining, and related subjects. I have comprehended from the University's website that there are various examination labs, and it focuses explicitly on the Center for

Artificial intelligence Research and Research Lab on Advanced Network, which will help me in reaching my goal. To take my career to the next level, I need to deepen my understanding of systems architecture, artificial intelligence, and DevOps. I look forward to learning these advanced topics in software development through the coursework, and to continue honing my programming skills through the applied projects that will be assigned over the course of the program. Being able to continue deepening my education through this master's program in Computer Science will improve my marketability as well as my skills necessary to become the finest software developer and AI researcher in the future.

The renowned Master of Engineering in Applied Data Science of the University of Victoria will provide me unparalleled resources and top-notch research facilities. My major area of interest being Data Science makes University's curriculum especially courses on Data Mining and Neural Networks very appealing.

I have always been inclined towards learning more about technology and the advanced forms of it. The skills and knowledge I gain from this program will allow me to develop a successful career in the ever-growing field of computer technology. The University of Victoria will provide me with boundless opportunities to learn and grow, and guarantee a unique multicultural experience, ultimately preparing me for the challenges of the outside world.