Statement of Purpose

Gurjot Singh

MS in Data Science

University Name

Country

The advent in technologies like Artificial Intelligence and Machine Learning is changing the lives of individuals and making the job easy and more productive to serve the mankind. As everything is going digital and the information is flowing in the form of data, so management and handling of the data and resources efficiently and securely is the point of concern. At this point of time, there comes the importance of highly trained Individuals to unearth and undergo different studies in this field. To take a deep dive in this field and come out as an expert in this field, I seek admission for MS in Data Science at the "University Name"

Getting Intrigued by the mechanical equipment's in my early childhood days, I kept abreast of working principles governing those equipment's by sitting beside my father to see him repairing his. Fortunately, I was born in the city Ludhiana, also known as Manchester of India and was privileged with visits to the factory of my father's friend. During my visits to the factory, I encountered with various people working on different machine parts and observing the production of machines inculcated in me a zeal for learning machines in depth. Continuing this, I decided to pursue Diploma in Mechanical Engineering in Punjab. I developed immense interest in Applied mechanics and Computer Applications. In final semester, I made an innovative project named Automatic blackboard cleaner which got awarded by my college, but I was struggling to make it fully automatic and wireless. In 2018, I read the research papers on self-driving cars which I imagined since my childhood. I was fully enthralled by the advancement in Technology and the backend programming which led me to pursue a bachelor's in information and technology at Guru Nanak Dev Engineering College, Ludhiana. This course provided me with a strong foundation in computer Science and exposed me to its various branches and applications.

During my under-graduation, I learned about several programming languages like C, C++ and Java, Data Structures, Big Data Analytics and cloud computing. I liked all subjects, but my favourite were Big Data Analytics and cloud computing where I was introduced to the prediction. During college, I did two internships, first was 2 months Internship in web development where I developed an application for helping the new students to locate their classes and the second internship was on Cloud computing at Besant Technologies Bangalore, where, as a team we made a cloud broker which acts as a bridge between Cloud Companies and Micro Companies. After my Internship, I gave an exam of Amazon Cloud computing services and got certified as Amazon Certified Developer Associate which facilitated me to get an opportunity to work on amazon console and management of data (in Terabytes) on the cloud.

After completing my under-graduation. I joined Byjus Edtech company, Bangalore as a Business Development Associate, where I worked on two projects. In first project, my responsibilities were to Analyse Customer Data and providing valuable outcomes to the sales team by analysing big data using various cloud tools. The second project was about doing predictions using specific Geocoding and representing the city on the scale of Income. To get acquainted with more advance projects, I joined TensorIot Company as a cloud consultant, where I worked on machine learning and artificial intelligence. To further comprehend some profound concepts, I decided to pursue Data science course in Bangalore at Advance Training Institute to assimilate the knowledge of AI and ML. At the end of this course, I got selected as Data science Associate in Redwood Algorithms which was my biggest breakthrough to get closer to my future endeavours. Because of my Perspicacity and quick grasp on Data Science tools and concepts, I got promoted to Data science Consultant position and grabbed an opportunity to work on advance projects. The First Project was "SAS Report" Project in which I learned the most famous Data science tools like SAS, VIYA and VA. I also worked as a Team Lead for this project and got an opportunity to travel abroad for work assignment, where I handled various tasks like Data creation, handling, processing, MySQL and created visualizations in SAS Server. The Second project was the "Loan defaulter model" for Vietnam bank in which we have used advanced machine learning in data science to achieve the best results. Apart from this, I have worked on many personal projects like license plate detection system and face detection system that are a great example of machine learning and artificial intelligence skills. I also enrolled myself in multiple courses in Machine Learning on Coursera and Udemy to learn advanced topics for the same.

As the technologies like Artificial Intelligence and Machine learning are advancing at a much faster rate, the demand for highly trained professionals in this field will grow further. So, this is right time for me to pursue master's in Data Science. With the developed infrastructure and education system, I believe that it would help me to get the exposure of cutting-edge technologies in Data Science. Moreover, pursuing the higher education from one of the highly technology developed countries like Canada would help my accomplishments to get the attention of renowned companies and will open a world of opportunities to use my skills to foster the advancement in the lives of the people.

Today, knowing what I have in hand and understanding where I want to go, I wish to study in "University Name" and pursue MS in Data Science. It would be my pleasure to learn from such a top-notch faculty of this prestigious Institute will be a pleasure learning from the professors who have aced in the field of Data Science and has won many prestigious research grants. As the program offered by the Insitute would furnish me with an opportunity to attain world class training in the core areas of Predictive Analysis, Statistical Analysis, cloud computing, and Neural Network, I strongly believe that it would assist to get closer to my future endeavours. Therefore, I invite you to appraise my application considering highly passionate person.

Regards,
Gurjot Singh