

Statement of Purpose

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Data science and analytics is a rapidly emerging field. As every aspect of human life is moving towards digital transformation, data is produced everywhere and it can reach the point of saturation in the near future. With all this data, the potential of data science has left me fascinated. In college I was surprised how data science and analysis are related to effective functioning of business processes and can be implemented in multiple sectors. I have chosen Masters of science in Data Science to acquire adequate knowledge on all areas and technology that encompasses Data Science. It is a great opportunity for me to study at your esteemed university which I believe will provide me with a comprehensive learning opportunity and technological skills that are required for a successful career in Data Science.

I completed my Bachelor's of Information Management in 2021 from St Xavier's College, Maitighar affiliated to Tribhuvan University. The 4 years of my college were splendid and memorable where I got to experience challenges as well as ways to deal with them. In my bachelors program I enjoyed courses like Computer Information System, Database Management System, Structured Programming, Web- Programming, Artificial Intelligence, Object-Oriented Database System, Data Mining. On the other hand, courses like Data Structure and Algorithms, Computer Organization, JAVA, Data Communication and Computer networks helped me understand how the concepts of computers are applied to practical systems in day to day life. During my course the learning of Database Management System and Web programming fascinated me to apply the concept in my final internship project "Education Management System". I used Database Management and programming technologies like MySQL, HTML5, Javascript, jQuery, CSS and PHP to complete this project. The web-based system was implemented in a school located in a rural village of Nepal, this system was mainly developed to aid the school to generate academic reports, schedules, notices and upload reading materials for students. Along with these students have easy access to their reading materials, assignments, academic results and importance notices. As a result, I received high grades for the project and the professors appreciated me. During my final year I got a chance to do my internship as a junior web developer at Cache Solutions.

At Cache Solutions I worked for my final year project mentioned above. During the course of this project, I was responsible for developing the database system and backend of the project. During the internship period as I was good at Database management, senior developers gave me a chance to look at the database system of an e-commerce website which was still in the testing phase. This is when I realized the true potential of Data Science and Analytics. The data generated by the e-commerce website can be analyzed by businesses to find meaningful insights which can help the businesses make data driven decisions. My interest in this field has always increased throughout learning it and motivates me to seek advanced knowledge in the field of Data science. I completed a certificate course in Google Data Analytics from Coursera in 2022. It was truly an eye-opening moment for me and one of my triggering points that motivated me for advanced studies in Data science.

At Present, I look forward to building my career in Data science which will be intellectually challenging, but it will be worthwhile in the long run. I confidently say that I am passionate, intellectually capable and eager to start out on this exciting yet challenging path. I want to make significant real contributions in this field by working on innovative projects along with learning and discovering new concepts in Data science. Furthermore, I would like to work in the field of Data science and analytics to aid businesses make informed decision-making and increase their profitability using data driven management systems.

Christ University, Bangalore has consistently been my desired university since I began searching for my masters degree in India. Bangalore is renowned as the 'IT capital of India', It is known for its remarkable contributions and opportunities in the field of Information technology and sciences. Christ University creates an environment where it not only focuses on academics but also gives emphasis on extracurricular activities by hosting different sports events and fests which brings out holistic development of an individual. I am sure that Christ University will assist me in my higher studies and bring the best out of me. The Data Science curriculum is well updated and I am assertive that it will help me grow and get me prepared for my future endeavors.