

I recall my father purchasing a computer for our home and me being unable to keep my hands off it as a child. I've seen how technological improvements have improved the quality of human existence because my own life has almost coincided with the emergence of the current computing industry. When I watch videos of Krish Naik demonstrating his excellent skills in technology or when I used Google Colab for the first time or even when I log into Facebook every day and see some new features, what I feel is a sense of marvel. Here are innovations that keep evolving not only technically but also hold infinite scope for creativity and logic. I feel a similar sense of exhilaration when I see my code run successfully. It is this feeling, which till date, drives me to not give up on even the toughest of problems. And it is this love for programming, combined with my desire to dig deeper into the working of various applications and technologies, which propels me to apply for an MS in Data Science.

Pursuing my strong interest in Computer Science has over the years enabled me to develop keen analytical and reasoning skills. Through the course of the four-year Bachelor of Technology degree program in Information Technology and Engineering at the prestigious Don Bosco Institute of Technology which belongs to Mumbai University. My keen interest in the subjects like Machine Learning translated into receiving a 9.5 pointer and averaging a 9 pointer in the other labs. I also involved myself in numerous projects, including a prototype of a "Transcriber " for an internship at Skillvortex, developed using Python as a base language and also implemented Recurrent neural network and Natural language Processing. Proactive in my approach to learning, I have also completed the Google Python course certification on Coursera.

Simultaneously, active participation in a wide range of extracurricular activities has ensured the all round development of my personality. I have taken part in cultural activities like group dance and literary activities like crossword and Sudoku competitions. I also play cricket as a hobby. Apart from this, I handled the role of being the Technical head of the AI-ML Club, a responsibility that included acting as the bridge between the students and the administration, scheduling additional lectures related to AI-ML for the class, assisting the faculty advisor in her duties and assisting the students in case of any problems. This experience brought to the fore my leadership abilities, while also assisting in honing my social skills.

Having acquired a solid foundation in the field of information technology through a rigorous undergraduate program, and my various internships in the IT industry, at this point, I feel that it is the right time to take up graduate studies. I wish to raise my understanding of the nuances of the Information Technology field and use this knowledge to further my chances for a lucrative career in Software.

The MS program in Data Science offered by the University of Stony Brook will undoubtedly provide me with the right knowledge, skills, and experience to pursue that dream and exploit the opportunities to the fullest extent. The practical orientation of your in-depth coursework will allow me to not only acquire a clear understanding of the subject but also the skills to execute it. I am confident my exposure to such initiatives would quite augment my knowledge base and add tremendous value in enabling me to realise my professional goals