

**SOP Sample for MSc in USA
MSc in Information Technology and Management**

STATEMENT OF PURPOSE

If I recall correctly, I acquired an inquisitive bent of mind towards information technology when I was in 8th grade and got introduced to the concept of C++. The subject intrigued me to the core which as a result, developed my interest in the same. During the 9th and 10th grades, I got exposed to the Java programming language and was able to secure good marks in it as well. I used to be among the top performers in the Computer subject and earned a centum of 100 out of 100 in the said subject in the Intermediate education. However, as my schooling period came to an end, I chose to graduate in Electronics and Communication as the course curriculum consisted of both electronics and computer science subjects from which I could learn about hardware and software components. In the course of my undergrad, I realized I was more interested in learning more about the software than hardware while doing projects. This awareness and my internship in Python programming helped in deepening my inclination towards information technology. Now that my undergraduate education has ended, I am looking forward to chasing my first love which is information technology which I can use in the business field as well. I am certain that pursuing my further studies in an area where my heart truly lies will allow me to carve out a niche for myself, thus emerging as a successful professional in the future. Therefore, after doing in-depth research, I have come to the conclusion of studying Master of Science in Information Technology and Management from the venerated The University of Texas at Dallas which is sited in the USA.

To sum up my scholastic affair up until now, I can easily state it to be a worthwhile experience as it acquainted me with noteworthy subjects that facilitated me in imbibing valuable skills. As soon as I attained my Higher Secondary Certificate, I enrolled myself in People's Education Society (PES) University, Electronic City Campus, Bangalore, to pursue a Bachelor of Engineering in Electronics and Communication. Here, I got the opportunity to acquire a good amount of knowledge in the subjects of Object-Oriented Programming in C++, Programming in C and Data Structures, Computer Networks and Machine Learning, and Data Structures using C++, to name a few. All these subjects laid a solid foundation for my endeavors on the horizon. To note, the subjects such as Microprocessors, Verilog HDL, Embedded Systems, and Microcontroller aided me in working with software and hardware components. In addition to that, the project I undertook during my Undergrad also helped in widening my pool of knowledge. Several notable projects on which I worked are "Foot Step Power Generation" which was my final year project and I presented the same at PESIT in {Year}, "Credit Card Fraud Detection using Python", "MIMO with zero forcing equalizer using MATLAB", "Calculate for Step Index Fiber Numerical Aperture, Acceptance Angle, Solid Acceptance Angle, Propagation Constant using MATLAB", "Bluetooth Controlled RC Car", "Motion Following Robot", and "433Mhz RF Communication using esp32". Other than that, I have presented a seminar on 'Serial Communication using RS-232' at PESIT, {Date}, and on 'Orthogonal Frequency Division Multiplexing' (OFDM) at PESIT, {Date}.

In the pursuit of attaining hands-on experience, I interned at Aeronautical Development Establishment (DRDO), Bangalore, from {Period}. Here, one of my work duties had me design and devise GUI for RS232 data acquisition and evaluate the software using Python. After my internship got completed, I started working in the capacity of a Software Design Trainee at {Company Name}. It has been {Duration} that I have been working in this organization and thus far, I have been trained on the ASP.Net framework, Big Data, Java, and Azure Cloud Services. Herein, I have also worked around software development by designing test cases, showcasing the functionalities incorporated, applying modifications, etc. All in all, my professional tenure inculcated me with meaningful insights, to be precise.

Having cast light on my unappeasable hunger for knowledge, I also want to highlight my equal penchant for extramural engagements. I partook in Entrepreneur – Entrepreneurial Summit, November {Year}, and Photonic Devices and Applications (IEEE) workshop, {Year}. Apart from that, I have participated in Blockchain Workshop (IEEE) in {Year} where I got to know about the Blockchain concept. I also participated in Robotics & Automation Workshop (IEEE) which was a one-day hands-on workshop on 'path following robot' and 'obstacle avoiding robot', held in {Year}.

There is no denying the fact that my previous educational attainment had facilitated me in gaining precious knowledge in my domain of interest. However, I have been devoid of the international learning approach that will allow me to become a highly-skilled professional at a global level. This very aspiration of mine will get fulfilled only if I get an abroad education from one of the most sought-after institutes. This is why after an exhaustive consideration, I have decided to pursue a Master of Science in Information Technology and Management from the meritorious The University of Texas at Dallas, located in the USA. I am cent percent affirmative that after I will complete my education from this very academy, I will become highly knowledgeable in the dominion of information technology. My chosen study program will expose me to the latest advancements and research occurring in the IT industry from where I will also be able to gain first-hand experience. It would be nothing short of a dream if I get the opportunity to do research work under the guidance of Prof. {professor's name} whose research work on {research topic} intrigued me to the core. The university also encompasses state-of-the-art infrastructure along with personalized prospectus which is everything I seek to be at my disposal while I function in contemplation of the university circles. Furthermore, the USA is known for possessing some of the top-rated institutions of the world under its belt which makes it the best study destination as a consequence. Being a melting pot of culture, the USA promotes a safe multicultural environment where many students hailing from diverse ethnical backgrounds can be found. With them, I can share knowledge and expand my repertoire of learning to a great extent. The culturally-diverse atmosphere of the USA will also help me immensely in my overall personality development, to say the least.

Post winding up my education in the USA, I plan on making a return trip to India, my homeland. Upon my return, I will look for a job that allows me to work in a leading position in one of the topmost firms based in India. Over the long haul, I intend to commence a venture of my own which I plan to take to greater heights by putting my incurred knowledge into practice while simultaneously emerging as a flourishing businessman in the realm of information technology.