



## SOP FOR MS IN EMBEDDED SYSTEMS ENGINEERING DESIGN

Technology has changed the world so much that we cannot even fathom a day where technology does not impact our lives, and it will continue to do so for the next foreseeable future. We have reached a point where a robot named "Sophia" being given the citizenship of Saudi Arabia at the Future Investment Initiative conference in Riyadh and it shows how far we have come and how technology shapes our present and future lives. With this understanding of evolving technology and how it can help humans work with escalated efficiency and effectiveness, I seek admission to Lambton College in Toronto for the course of MS in Embedded Systems Engineering Design.

When it comes to my academics, I have performed well throughout my courses and the same is palpable through my scores. Even from my childhood I was a responsible person and I carried out everything expected of me as a student; I always fared well in all examinations, finished my homework without fail and submitted all the assignments and academic projects in time. Being a decent student, who stayed out of trouble, I was on most teachers' good books.

Being good at academics did not stop me from partaking in various extracurricular activities whenever I had the opportunity to do so. I constantly took part in various team activities which helped me understand the importance of teamwork and collective efforts for a common goal. I remember I was a quite student and it is my interactions with my team members during various extracurricular activities that helped me overcome my fears. I must also acknowledge here that, my communication and interpersonal skills have also developed considerably after I have started partaking in extracurricular activities.

Ever since I was a child, technology has attracted me. It was during my higher secondary that my father took me to meet one of his friends who worked in a nearby electric grid. While my father and his friend spoke, one of the supervisors there, upon hearing my interest about technology, took me to on a tour to show me the grid and how it worked and supported the entire city with its power requirements. The supervisor, being a nice gentleman, also told me how it supports even the smallest the household in the city to change their lives. While I was coming back home with my father, I told him I wanted to become an electrical engineer. He agreed with me and I joined to pursue my undergraduate course in electrical and electronics engineering. It was during my engineering that I came to know in-depth about embedded systems and engineering designs including microcontroller, microprocessors, arm processors, eeprom, encoders and decoders, which instantly attracted me. After learning about the excellent professional opportunities offered by the same across the world I have decided to pursue MS in Embedded Systems Engineering Design.

My researches about the course has helped me understand that it will fortify me with all the advanced skills required to design and develop various electronic hardware and software solutions for diverse embedded electronic systems. I am definite that I will, at the end of the course, become adept in all the embedded systems engineering basics, design concepts and integrating several advanced communication principles with a trove of portable electronic and industrial devices to meet various real world challenges in the business realm.

Through the extensive researches I carried out, I have learned that the Lambton College in Toronto will aid me better understand how embedded systems are used and their scope in the global business world and the universal marketplace. It will also help me get insights into how embedded systems can be integrated into different business practices and organizations. The unique teaching styles of the college, which emphasizes on the pragmatic scope of embedded systems, will furnish me with the required exposure to meet the demands of the real life business operations. I am sure that the interactive teaching sessions, simulations, discussion and debate board, case studies, individual and group exercises and fieldwork will surely form a perfect learning platform to groom myself as an ardent embedded systems engineering design professional.

All my efforts to find the best country that can offer the best post graduate program in the technological sphere led me to the realization that the institutions in Canada offer emphasized, student-centric and superior quality programs. My further researches about Canadian institutions helped me understand that a course from a Canadian institute will adequately prepare me for future and the challenges it will pose. Apart from the academic quality it offers, being one of the safest and friendliest countries in the world, Canada also offers a trove of academic and professional programs for students across the world. I am also convinced about the value an MS from Canada can bring to my resume in the buoyant employment market in India, which is another reason to select Canada to pursue my higher education.

My course is being sponsored by my parents and they have the financial wherewithal to help me defray all the tuition, boarding, travel and all other expenses on time. Attached herewith are their financial statements which explain elaborately about their annual incomes and fixed assets.

After the course has been completed, I would like to, in the short-term, associate with a technology-driven MNC in India where I can put into practice my academic skills and knowledge along with my acquired professional competence to drive exceptional value for the business activities. In the long-term, I would like to climb the ladder of professional growth up and reach a position where I can make company-reaching, radical technology related policies and effectively integrate it into the operations of the business to drive matchless productivity and business growth.