

Thank you in advance for your perusal of my essay. I would like to introduce myself as an enthusiastic professional who stands to gain a wealth of experience from a Canadian higher education program.

The first generation of children exposed to computers in India was a tenacious bunch. We were faced with a machine that bewildered our parents, who ended up looking to us for guidance on how to operate it. The advertisements for INTEL processors fascinated me no end, and I longed to 'find' it on our home computer. I quickly progressed to taking apart the keyboard to investigate further, followed by the CPU, which put an end to my little experiments! Still, I never stopped wondering how computers function. Little did I know, that years later I would be wondering the very same thing.

I completed my bachelor's degree in electrical engineering from <college> in <year>, where I received a firm grounding in C++, electrical devices and circuits, MATLAB, digital systems, and microprocessors. In order to supplement my knowledge, I spearheaded two projects; one, where I constructed a vehicular anti-theft tracker and led a 16-member team and the second, where I was again team leader in developed a method to reduce power consumption using shift registers. During my 6-month internship, I gained valuable insights on desktop troubleshooting, network connections, and installation of operating systems. Never one to back down from extra-curricular activities, I was an enthusiastic organizer of various college events. Sports have ingrained in me a sense of grit and persistence, as I took my cricket team to the runner-up position in a district tournament in 2017.

It is my staunch belief that in the present time of rapid globalization, an international education is imperative for anyone privileged enough to have the means. Exposing oneself to different countries and developing a sense of cultural empathy is a soft, yet strong skill in the arsenal of a business professional. Canada is a melting pot of people from all over the world, and in being so she has developed her own unique identity, one I would like to incorporate into my worldview by pursuing a post-secondary program in embedded electronics.

Canada is second to none in her outstanding university infrastructure, quality of teaching and research opportunities. Being from India, which is in a state of phenomenal growth at present, I opine that being able to witness the education system of a developed nation is a valuable tool and applying that experience to benefit my country's economy is my civic duty.

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I thrive in different work environments and am an excellent communicator, and I want to take that a step further by taking advantage of <university> focus on multiculturalism and diversity to make myself feel comfortable in any professional interactions globally. Canada's burgeoning IT industry will afford me a vast choice of opportunities that will prepare me to get employed and gain experience of working in a leading tech company.

My primary objective at this point is to further my knowledge and be a part of the <program> at <university> because I seek to undergo a structured education in the field, which will help re-learn a science I have come to love with a sturdier foundation. I have been exposed significantly to work in the industry but haven't yet worked for a satisfactory amount of time in research. To this end, I hope to work in a research group that will expose me to such an environment, allowing me to take a call on my future course. While I am aware that the next two years of my life will be rigorous and demanding, I believe I am more than prepared to handle the pressure and pleasure of the program.

I have been completely captured by the plethora of possibilities in the field of electrical science. Systems are smarter than before, and this is the beginning. Neural networks are powering objects ranging from keyboard applications in our phones to autonomous cars. This is ushering in a new, exciting world, and I want to contribute meaningfully to this tide.