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Applying for M.Sc. In Electrical Engineering-Graduate studies

STATEMENT OF PURPOSE

I, *****, am applying to University of Saskatchewan for the admission to Master's Program in Electrical Engineering with specialization in the field of Communications. Here is my brief statement of purpose.

Why Higher Education?

Right from my High school days I had a strong inclination to be an Electronics & Communication Engineer . My Interest in the subject has grown with each passing year and it has reached where even Ph.D. will not quench my thirst for knowledge .I have come to terms with the fact that there is an enormous proportion of subject to be assimilated, therefore I want to take up a research oriented course for my career. These coupled with a background of my educated father-an Superintendent , mother –a lecturer and my brother, an Electronics & Communication Engineer has made my choice of higher studies all the more obvious.

Academic Background

I got admitted to Sir.M.Visvesvaraya Institute of Technology, one of the reputed institutions in the state through an entrance exam & by merit. I took Electronics & Communication engg as my major for it offered me innumerable choices of specialization. During these 4 years I learnt Subjects like-Electronics Devices & Circuits,Pulse & Digital Circuits,Programming in C, Digital Integrated Circuits,Digital Communication Theory,VLSI Design,Computer Communication Networks and Digital Signal Processing.These subjects aroused my research instincts when I realized I am really excited about the prospects of me being a part of such researches.

Research Background

I always had a liking for the books from a very young age, perhaps this made me inquisitive about everything I came across yearning to know it's intricacies. This later helped me immensely when I started representing my school team regularly at inter-school science festivals.

My first brush with serious research was in final year of my undergraduate course when I successfully completed a project titled "**Design and implementation of ARQ Protocols in Data Communication**" at Communication division,Electronics & Radar Development Establishment (L.R.D.E),Defence Research & Development Organisation,Government of India-Ministry of Defence,Bangalore as part of a 4 member team. The project implements ARQ Protocols in data Communication networks using the widely popular 80c31 microcontroller.The 80c31 systems used

