Statement of purpose for ms in computer science with electronics background

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incorporating my name from one computer to another. I connected computers with the RS-232 cable, wrote the necessary programs, and executed them. I typed my name on one terminal and rushed to another to see the results. Wow, that's magic! I exclaimed as I read Tom on the screen. Although I realized intuitively that a complex version of this elementary network could achieve a lot, at the time I had no idea that. Now, four years later, I know that the network makes possible a variety of applications, from video conferencing over the Internet to connecting banks through

private networks. It still sounds like magic. Or rather, a grand adventure, of which I surely want to be a part. My interest in applied science dates back to my school days. In high school, I was fascinated by electronic gadgets. Soon after, the design and construction of the main schemes began as a hobby. Along the way, however, I realized that the problem-solving aspect of creating electronic gadgets was what I liked the most. Engineering natural career choices then. During my undergraduate degree in electronics and communications at the M.C. College of Engineering, subjects such as microprocessors, C-programming, computer networks interested me the most. I was reverent about the potential of the Intel 8086 microprocessor, especially as its faster and more powerful cousins revolutionized the work of computers in a decade. Now I was determined to focus on microprocessors during my last year of the project. I decided to do the project at the National Space Research Organization (NSRO) because it has an outstanding infrastructure installation and stimulating, world-class research environment. This has allowed me to work with some of the best minds dedicated to engineering research in my country. I got a lot from this association - specifically the idea of how rewarding and meaningful careers in research can be. More tangible benefits were a better understanding of the architecture and work of microprocessors and meticulous C-programming skills. Sometimes I spent more than ten hours a day in the NSRO, reading manuals and troubleshooting diagrams and debugging code. I'm happy to say that the effort paid off in the end. Mr. Tendulkar, my project manager, found the results of my project to be the most valuable. The interface map I developed was later added to the NSRO (SIS) spacecraft interface systems. This project was the highlight of my academic career. Most importantly, I left the NSRO with the decision to explore advanced computing. During my first work at Neville Engineering and Locomotive Co. (NELCO), I developed a real-time monitoring system for the molding line at the Foundry Plant. Success in this project has given me confidence in providing software solutions to real problems. Although I liked the work, software development at NELCO was a support feature. So I switched to Mohinder Belgian Telecom Ltd. (MBT), a multinational company that provides software solutions in the widest areas, telecommunications are its forte. At MBT, I was involved in the ART project, a new front system of Belgian Telecom, providing intelligent access to its customer service system (CSS). Working on this project has helped me hone my programming skills on real-world issues. I've developed an appreciation for the big picture, and vice versa, how important the details are. I also discovered leadership skills in myself, and often helped colleagues who had little or no background in computers. As a result, the company asked me to occasionally conduct workshops on operating systems and C-programming for my colleagues. I was appointed team leader for over a year, and today, I take care of the improvements and maintenance modules of sixteen in the ART project. During my work on the ART project at MBT and through my interactions with colleagues, I grew to admire the role Computer networks in empowering end users. I have no direct relation to computer networks in my work, but through the greedy reading of periodicals and magazines like Network World, I have maintained my interest in this area. In fact, after reading about the huge potential of ways to break protocols such as Multicast and applications such as Voice for IP and Virtual Private Networks, I can't help but feel excited about the potential for new research in this area. While my current work has helped me develop a deep understanding of project processing, the industry environment in which I am currently in cannot support my commitment to research. I have industry-hardened skills in computers, but I have to rely on them to achieve my goal of conducting advanced research in advanced computer networks. So I believe that I should return to the academic world for further growth. I want to get a master's degree in computer science. I intend to follow this up with a doctoral thesis and then, a career in research and teaching. I spoke to my professors, seniors and colleagues about my choice of university, and applied to Princeton University because it is reputable for its research facilities and computing resources. The department's website showed a very strong faculty involved in extensive research in the field of computer networks. This strengthened my determination to study at Princeton University. I bring with me a strong understanding of the basics in electronics and computers, the ability to teach and teamwork, the highlight of problems and an enthusiastic desire to learn everything I can. I would like to take with me, in addition to the knowledge of computer networks, a network of strong and strong relationships with my teachers and fellow students. I hope that my experience and qualifications are suitable for MS in computer science at Princeton University. University, statement of purpose for ms in computer science with electronic background

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