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My interest towards electronics and communications made me excited about obtaining

my bachelor degree in Electronics and Communications Engineering at Port-Said University in

Egypt. After that I realized that implementing the technological skills can be put to exceptional

use in a cultural context to help others reach their academic goals. Since I was in high school I

worked hard on my grades so I can get into the faculty of engineering. The reason I chose this

major is because of the influence some parts of my family had on me. For example, my uncle is

an electrical engineer who has over twenty years of experience in the U.S. and MENA telecoms

sector. After having completed my degree in Egypt, I started to look forward to apply what I

have studied in real life, so I began searching for job in my major. Eventually, all the jobs that I

applied to required males, which is common in Egypt to give the opportunities for men more

than women, unless a woman has a higher degree and higher education. Since then, I started to

realize that I want to gain a higher education through a Master's degree. Having started off

pursuing my Masters in Egypt, I moved to Saudi Arabia for a personal reason, after that I moved

to the U.S. to visit my family. I soon realized that I want to complete my Master's degree

elsewhere in order to gain a better understanding of Engineering, and how it is taught in other

parts of the world. Hence, I decided that the US would be a great place to study. So, I changed

my status from tourist visa to student visa, and I started taking English classes at LADO

International Institute. Then, I started looking into and compared different universities that offer

the program of Telecommunications Engineering. I came to the conclusion that George Mason is one of the best universities in this major; thus, I wish to complete my degree there. I felt that studying at George Mason University will expand my knowledge greatly and give me the opportunity to gain an advantage in today's competitive and global world. George Mason University offers the flexibility needed for such a vast and rapid changing field. The research facilities and the department at the university are excellent. My interest in electronics bloomed during my secondary school days. It was time when technology had begun to make an impact on the lives of the people of Egypt. Hence, Electrical Engineering was the first choice for my diploma studies. With this great intent, I proceeded for my undergraduate studies in Electronics and Communications Engineering with Electronics as my major. Right since my diploma study electronics is a subject that has enthralled me with its power of application. The subjects that I have studied included electric circuit theory, physical electronics, pulse and digital techniques, electromagnetic theory, digital signal processing, optical electronics, communication principles among others. My undergraduate studies already focused on the communication aspect of electronics. I have experience with Internet research as well as computer programming in Matlab, A+, data entry, C, and Networking in CCNA. Also, as a part of my undergrad study, I had to do an internship in the Egyptian Ministry of Communication Port Said, Egypt, and worked on circuits and wiring of land-line telephones, assisted with the wiring of phones to different districts of the region (Port Fouad, Suez, and Ismailia). A master's degree in electrical engineering with telecommunications as my major field is the next logical step. As a student with strong engineering background, I am very interested in seeking further academic and career development in this field. In contrast to communication systems, MS in Telecommunications combines technical courses like wireless system, network security, system engineering and

management as well as telecommunication policy, law and business. George Mason University comes on top of my priorities because it is a top ranking university in the United States and in the entire world. In the field of telecommunication, in particular, it enjoys an unparalleled position. It offers many research programs and the research environment in outstanding. In my proposed program, the courses I would like to take include system engineering for Telecommunication management, Fiber optic communication, Optical communication Network, Voice over IP (VoIP), Security and Privacy issues in Telecommunications, Network Security, Applied Cryptography, Network Forensics and Operation of Intrusion Detection and Forensics. After receiving my Master's degree, I want to gain experience working as an Engineer. However, as of now, I am not sure whether that will be in the US or somewhere in the Middle East. Therefore, studying at George Mason will open me many doors after I graduate, and it is hence my dream to study at your institution.

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