

My fascination with University of Bristol gradually became indissoluble after hearing about it from a friend who advised I should get to know about the University. After extensive online research like learning of its standing in world ranking, Courses of study offered as well as talking to several People familiar with University of Bristol, I came to realize that University of Bristol is one of the most respectable, reputable and noble Universities in the World where ambitious, promising Students could realize/achieve their dreams of studying their intended course of study excellently and outstandingly. These reasons persuaded me to opt University of Bristol to study **Communication Networks and Signal Processing (MSc)** as my preferred choice for course of study.

The significance of Information and Communications Technology (ICT) in today's world cannot be overemphasized. Its contribution to the globe in all ramifications is incredibly impressive; financially, socially, economically, medically, security wise and inter alia. One of the Key ICT sectors that made and still makes these all possible is the Telecommunications sector. This rapidly expanding sector still offers room for great inventions and innovations as well as an avenue for personal development and career building. Coupled with the indissociable business aspect of the Telecommunications Industry (which I'm fervently looking forward to learn/adopt), I feel attracted to study **Communication Networks and Signal Processing (MSc)** by virtue of proclivity from the above reasons particularly, the room for possibly great inventions and innovations it offers.

My decision to study **Telecommunication Networks and Signal Processing (MSc)** at University of Bristol in the post graduate level is based on the fact that I intend to follow this up with a Ph.D., and later, a career in research and teaching. I believe this (studying **Communication**

Networks and Signal Processing (MSc) at University of Bristol) will provide me with the necessary stepping platform that will enable me to achieve my ambitions and realize my dreams.

I strongly believe I can excel in this course of study if given the opportunity considering the strong background I have in ICT as a graduate of Computer Engineering BSc, especially my good performance/grades in Networking Courses as well working for approximately three (3) years in various Organizations engage in the ICT sector. My research skills will play a vital role here, as demonstrated in my Undergraduate Studies final year project titled Digital Signature Website, which at the end, earned me an award for the best graduation project from my group of twenty (20) students (<http://cmpe.emu.edu.tr/PageLoad.aspx?id=efddea11-70e7-4f32-9522-116cb63d611a>). The project (in summary) involves using an open source platform (OpenSSL Cryptography library) to develop a website that creates and signs digital certificates using cryptographic hash functions like RSA to encrypt and decrypt digitally signed files. I Used ASP.NET web Technology for the website and Microsoft SQL Server 2005 for the database.

In conclusion, I'll be passionately looking forward to my first day in class at University of Bristol, attending lectures in some of the courses like ***Optical Communications Systems and Data Networks, Digital Filters and Spectral Analysis as well as Advanced Mobile Radio Techniques***. I bring along a strong grasp of fundamentals in Computers and Electronics as well, an aptitude for learning and teamwork, a zest for challenges and an enthusiastic desire to learn all I can. I would like to take with me, in addition to knowledge of Computer Networks, a network of strong and lasting relationships with my Instructors and fellow Students. I hope that my background and qualifications are found suitable for an MSc in **Telecommunication Networks and Signal Processing** at University of Bristol.