Study Plan

**Academic Background**:I have completed my undergraduate studies in Electrical engineering from “ABCDUniversity of Engineering and Technology”, , Pakistan, in March 2012, with aCGPA of 3.86 out of 4.00. I was an active somehow indulgent student among othersduring my undergraduate studies, very often involved in many curricular andco-curricular activities. In fact, I was up to the mark and honored in the top 1’slist of 120 students in my undergraduate class. If observed by the meritoriousefforts I remain very competent and I have passed all entrance tests conductedby the academic institution of my education with high achievements and securedoverall 4th place in the whole district.I did my final year thesis project on “Design, development and fabrication ofunder/over voltage relay using static devices” with the group of five membersin which I was made the Group Leader. The fabricated relay can be used for theautomatic protection of house hold appliances and power system against voltagerelated problems. In this project, I learned and researched automated controland protection using Circuit Breakers and Relays along with other high speedautomatic control and protecting equipment’s involved in automation of themodern systems. While working on this project I found strong motivation inmyself towards graduate study and research in the area of power systemautomation.At present, I am working as a Maintenance Engineer in Dawlance Group of Companies(the leading household appliances company in Pakistan); my job’s majorresponsibilities include; Maintenance and Automation of industry’s power systemand machines along with the planning and the proper allocation of availableresources to achieve the smooth and efficient operation of the plant byconducting routine and reactive preventive maintenance activities. Here, inDawlance, I have learned, researched and practically implemented theapplications of electrical automation engineering in manufacturing processalong with the extensive knowledge of Electrical automation devices likedigital relays, vacuum and oil circuit breakers, Programmable LogicControllers, Programmable automation controllers , Human Machine Interface andinstrumentation devices. Furthermore, I Led the project “Energy saving by theoptimization of electric motor usage” with annual savings of 1.2 Million PKR byconducting efficiency analysis, Right sizing of installed motors, formulatingthe saving calculations and obtaining USAID OFFER by negotiations with vendorsand USAID audit authorities.Also because of ardent interest and motivation towards power system automation,I was selected for 16 weeks internship in National Transmission & DispatchCompany; the sole electric power transmission company of Pakistan. Where Igained quality level knowledge and working experience about Grid SystemOperations (GSO), Protection and Instrumentation (P & I), SCADA, Meteringand Testing (M & T). Along with these technical aspects I also earned practicalknowledge about transmission system planning including Power Flow Studies,Reactive power compensation studies, Reliability and Stability Analysis withrespect to interconnection of distributed generation with transmission system.My work at NTDC was highly praised and I was awarded with the certificate ofappreciation by the senior management.

**My Personality:**By fact, I am socially active person with friendly nature, a good communicatorindeed who is blessed with many friends. I keep a keen view to the reality oflife thus approach people with positive mind and attitude and always prove tobe helpful with honest efforts and true dedication. Besides that I always feelvery joyous and fortunate to meet and greet people belonging to differentbackgrounds and cultures. As such meetings are always important because theyprove to be beneficial in future also it makes things easy to cope whether oneworks or studies in his own country or outside the country.

**Study Plan in China:**I would like to apply for the Master's Degree in *Electrical Power system andits automaton* in China because from my current industrial job experience,past internship and my final year project I come to know the vast practicalapplications of the automation engineering, this caught my attention andcreated a thirst of knowledge in me to study my chosen course. My motto is towork in an international field related to Electrical Engineering. Therefore, Iwould like to gain deeper theoretical and practical knowledge in starting andmanaging most innovative projects. During my studies, with great hiddenabilities in myself I will try to come up with the best of everything; toaccompany the professors and university colleagues in carrying out research andexploring for immense exciting industrial mysteries in the field of powersystem Automation. After completion of my master’s studies I hope to be able totake part in maximizing my country’s research technology in such fields tobenefit its economy and enhance the living standards of my compatriots.I believe that this Masters Program will provide me with the chance to get toknow with Electrical systems and affiliates me dedicatedly to the industries,which are living examples of the art of Electrical and automation engineering.I hope that I can gain more experience in dealing with situations, peoples,systems and demands which will be of a great help in my future career.

**Reasons to study in China:** Now the question arises, “***Why China***?” Reading the books, watchingthe news, analyzing and observing the people of China, I am really impressed bythe way these individuals have proved themselves to be dedicated to their workand with true efforts they have set China as a successful example for otherthird world or developed countries. The fast growing economy, technologicaladvancement and the global ranking education institutes of China with highreputation makes a great aspiration to the students and professionals for thebetter career perspectives. Thus such kind of positivity has boosted my confidencefurther and I am highly satisfied with the decision I have taken. Moreover,China’s diverse cultural norms and values, the famous gentle hospitality of itspeople and Pakistan-China all weather friendly relations since past to promotebilateral trade , acceptance and peace to both sides in great clarity make mefeel China as my second homeland; also my family fully supports my choice forChina being my preference for graduate studies. All these reasons put togethermake China an ideal place for me to do my Masters degree.Concluding it, with high hopes I believe this application will receive yourfavorable consideration and I will be happy to provide any additionalinformation you may need. I look forward to receiving your reply.

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