**Statement of Purpose**

Back in the year 2009 after passing out from cadet college it was a tough call for me to choose my career between defence and engineering since i got selected for both. As i passed out from cadet college my family members expected me to join the defence force but my interest in sciences dates back from school.So, I listened to my mind and choosed to persue my career in engineering. I cannot say that I have grown up thinking that I would have a career in Computer Science. Though I had the chance to get introduced to computer at the very beginning of my high school life when my father bought me one. Like every other high school kids my fascination for computer grew up while playing different video games. That time I did not have any idea that this fascination would be transformed into passion in near future. And I realized this when I had to choose a particular discipline in engineering, Computer Science was the only thing that came into my mind. My preconceived notion about Computer Science, when I got admitted into university, was that it is all about developing softwares and games. However, as I had the opportunity to be closely acquainted with different fields of Computer Science later on, I found them interesting and challenging that i want to have a research career in one of those.

Since my childhood i had keen interest to explore the scientific things. I was fascinated by how the world worked and questioned everything that caught my attention. And my thirst for knowledge got the appropriate platform to satisfy when I got an opportunity to be admitted in the department of Computer Science and Engineering in Islamic University of Technology, one of the leading universities in Bangladesh. Only few students, having top results, can have the opportunity to get an admission after sitting for a highly competitive admission test, where only 235 students are selected out of 2000. Throughout my undergraduate studies I was put through intense academic pressure, having to take 181.5 credits, despite which I was able to successfully complete my undergraduate courses, obtaining highest grades. My university provided me exact platform to nurture my knowledge and skills.