

STATEMENT OF PURPOSE

“Go confidently in the direction of your dream. Live the life you have imagined”.

I am immensely motivated by the saying and determined to achieve my dream of becoming successful in the field of Computer Science.

As an aspirant, it is everybody's dream to get admission to the Graduate Program to further his educational aspiration in a university of your repute and hence, I am no exception.

Till my High School Certificate examination, I was totally a confused student. When asked about what is your aim in life, my answer used to be different for different people, viz; Doctor, Engineer, Sportsman etc. I also had a liking to try different types of culinary. But to be honest, I was having an inherent apt for computer. Do not know why? I still remember the day when a Desktop having Pentium II processor with 64 MB RAM and 4.8 GB HDD configuration was brought to the house by my father for doing his official work. My happiness knew no bounds. But it lasted only for 1 month. To my great dismay, out of curiosity, I dismantled the CPU to see what was going inside. But afterwards, could not reassemble. Result? Got a very good thrash from my dad for the act. Only silver lining was that he could see my interest in this line and started encouraging. After that, there was no looking back. I decided to become a Computer Engineer. Come what may.

During the first year of my undergraduate study, I learned basic programming languages C and C++. This cleared my basic fundamentals in programming. C and C++ both were covered under the subject Computer Programming and Utilization. In the second year I learned Data File Structure, Data Base Management Systems, Object Oriented programming using JAVA and computer networks. In the last two years I got knowledge of major subjects like Information Security, Mobile Computing, Computer Graphics, Advance JAVA, Parallel Processing, Distributed Systems, Soft Computing and Artificial Intelligence. It helped me to boost my knowledge in the field of Computer Science Engineering.

During my bachelor degree I had participated in inter-college Robotics Competition. This experience helped me to boost my practical knowledge and enhanced my abilities in this field. Looking to the phenomenal growth in sharing information through the internet and simultaneously, the threat of the same being leaked and falling into the hands of unscrupulous elements, there has been a genuine need to protect the data transmission and in this prospect I made a project named “INFORMATION SECURITY” towards my B.E final year. The goal of this project was to provide security during the transmission of data. The project was based on Steganography Techniques. The project was divided into three modules based on hiding secret messages in image, audio and text files. F5 algorithm was explicitly used for encryption and decryption during the project. For developing Desktop application I used C# and .Net frameworks. Visual studio 2010 was used for the frontend development. I used Microsoft SQL Server 2005 for database connectivity at backend.

So far as Research & Development in Computer Technology is concerned, it is beyond anybody's doubt that USA is far ahead of any other country in the world. More than 4000 universities and colleges are there in America offering advance study.

After a keen study of the web pages of your University and interaction with my seniors and faculty, I have learnt the Graduate Program, faculty, and infrastructure facilities available at the Northwestern Polytechnic University will provide me the best opportunity to develop my skills and realize my dream of becoming successful in the field of Computer Science.

I am fully aware of the commitments and demanding work required for Graduate study and believe that my aptitude and motivation will help me successfully face the challenges involved. I am confident that given an opportunity, I can make a valuable contribution to the on going research work at your University. I, therefore, look forward to join your University for Graduate Studies. I feel that the graduate study in Computer Science is the necessary link between my personal and professional strengths. I believe that it is at this Northwestern Polytechnic University that I will find a satisfying academic environment which will help accomplishing my desire.

Yours Sincerely,

Aniket Choudhury