

STATEMENT OF PURPOSE

To be able to understand the state of current economy, it is important to solidify my understandings of the principles underlying both macro and microeconomics. I have deep interest in the field of finance and always wanted to see how the market works in real world. This deep fascination with the market movements is what have driven me to pursue studies in the field.

Currently I am in my third year of B. Tech in Mathematics and Computer Science at NSIT (DELHI). Apart from studying market structures and financial engineering during my B.Tech, I have come to realize how important it is to continue to follow developments and theories in the finance field to achieve success. During my 5 semester I developed interest in Financial Engineering by learning its application in real life and how it can be really useful for us.

My goal of becoming a Quant Developer has also deepened my interest in the field. I have learned how to handle complex financial problems with distinct set of risks, and assessing each decision based on figures-based approach. Apart from this I also learnt how to apply Markowitz Model to analyse stocks during my project in Financial Engineering. All this has given me the motivation to continue to improve my understanding of the concepts that drive market movements.

Through this internship program with IIT, I will have the unique opportunity to not only enhance my skills in the area, but also contribute to research that will help to define the field in the future. I believe that this internship program will give me the training that I will need to not only heighten my understanding of economics and drive my career, but will also allow me to contribute to the development of cutting-edge tools that will enable the next generation of finance decisions.