Tell us about your interest in engineering or what you hope to achieve with a degree in engineering. Describe what appeals to you about Cornell Engineering and how it specifically relates to your engineering interest or aspirations.\*

‘Technology’ and I are inseparable twins. I have always had this insatiable desire to understand how things work and the thought, and motivations behind innovations. Fortunately I was blessed with an encouraging environment at home– parents who patiently answered all my questions and particularly a mother who lovingly overlooked my destructive exploits. As most inquisitive children, I went through the cycles of dismantling existing gadgets and creating some of my own, happy with my little successes.

Fortunately, my destructive exploits were better channelized when I was introduced to programming in grade 7. The process of arriving at a logic, writing a code, multiple cycles of compiling-debugging and finally getting the outputwas a challenge I thoroughly enjoyed.

In grade 9, while interning at a company that organized exhibitions, I automated processes using spreadsheets and supplementing it with mail merge. I was also able to customize meeting schedules for individual companies. This was the first time I was able to use my innovation to solve a real-life problem and it proved to be a huge confidence booster.

More recently in grade 11, I coupled the recently introduced GOTO (x,y) with a clear screen command to generate a graphic shooting game. The appreciation from my teacher and peers was very inspiring. Additionally, it instilled me the confidence of creating technological tools to solve complex problems and it was this confidence that has led me to the project I am currently working on. Delhi, like most cities in the world is struggling with traffic and limited infrastructural issues. In particular, the limited availability of parking space is a huge concern. I am developing a software that can manage advance booking for Parking Slots.

I am truly passionate about coding and plan to pursue it and further specialize in Artificial Intelligence. Cornell, with some of the best computer science courses is a perfect destination to explore and understand this coveted subject. Most importantly, Cornell’s research in the area of Machine Learning, AI and specifically the work being done with computational mathematics are areas that I am quite interested in. Additionally, the sheer thought of one day being a part of the ‘Big Red Hacks’ is very exciting to me. All in all, I feel Cornell has the value sets and environment that can complement my endeavours and help me realise my goals.

Therefore, opting for pursuing Computer Science at Cornell was an obvious and straight forward decision for me. It is something that I have yearned for and look forward to.