Explain your interest in the major you selected and describe how you have recently explored or developed this interest, inside and/or outside the classroom. You may also explain how this major relates to your future career goals. Limit your response to 300-400 words.

My formal introduction to Artificial Intelligence was through the ‘Robotics’ club in grade six. It was an excellent learning experience - working on the circuits and soldering to make my first car, and later creating other indigenous contraptions – an infra ray blocker for TV remote control, motion sensor bell, etc. Like most other inquisitive children, I went through the cycles of dismantling existing gadgets and creating 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 output was 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.

As would be apparent, coding is what I am extremely passionate about and want to acquire additional skill sets to address many other similar real-life challenges. Therefore, after completing my undergraduate course I would like to pursue Masters and specialize in Artificial Intelligence. I earnestly believe that we are in the midst of an explosive digital growth. AI is increasingly being used in all facets, devices talking to us, managing our connections and even scarily tracking our behavior. Future possibilities are immense that include autonomous driving, space missions etc. I see

machines supplementing effort of human mind and helping us think better. It is my dream and endeavour to be a part of this evolution/ revolution as it evolves.