A room of 9 X 10 feet on the second floor of my father's hospital has been my den for four years now. It's a different world, a place for healing and introspection, an environment much different from the comforts of my home. The stark difference between the two worlds affected me from an early age and somewhere along the journey, I decided to work for human betterment. I wanted to serve humanity like my father and simultaneously wanted to use my technical skills to develop apps using AI.

By the time I had finished my tenth grade, I had chosen Computer Science as my primary subject of interest and started dividing my time between my studies and programming. It took me time and effort to self-learn the programming languages and through guided tutorials specially after an exhausting day at school. However, my enthusiasm in learning to program superseded all exhaustion. The results were evident in the apps I made that were appreciated by my parents and at school.

Overtime, the drive grew stronger and the resolution firmer. To acquire knowledge about Machine Learning and Artificial Intelligence, I took a Stanford course offered online. Using this knowledge, I developed apps that could detect malaria from a cell image and start early treatment. I was convinced that such a treatment would be versatile and economical, thereby beneficial to millions of people. I developed another app that could diagnose pneumonia at an early stage by visualizing the chest x-ray images of the patients. Inspired by my parents and their profession, I wanted to branch out and employ my skills to help people and work towards bringing about a significant change.

I am also concerned for the environment and wish to build apps that could facilitate in restoring the environment. Waste management is a very serious issue in my country and that is where I decided to put my mind and effort. I have made a waste sorting software that can segregate different types of wastes just by looking at it through a camera. It took me one and a half months to finish it, but I am happy with the result. I am now motivated to undertake other such projects. It was my work on Artificial Intelligence that spoke for my passion and convinced my parents to allow me to explore this further.

Besides building apps, I have also participated in other activities including representing my school twice in the Model United Nations. The mere participation taught me how the world functions and its current problems and that there are people worried and debating about important issues like the environment, health, war, and justice.

By organizing and participating in sports events like basketball and cycling, I was inspired to start a cycling club in my small city and bring people of all ages together. My interest to preserve the environment led me to join an NGO 'DAYITVA' which focused on tree plantations and spreading awareness against the use of plastic. In a special project that was my brainchild, I initiated replacing plastic bags with a cloth bag in a vegetable market. We crowdfunded and donated free cloth bags to every customer. This project was quite dear to me.

To leave a sheltered life and move into an unknown territory requires passion which drives you. In my case, it is my interest in Artificial Intelligence and Machine Learning. Universities in the UK are renowned for its top quality education with focus on implementation of knowledge. I am thrilled at the prospect of gaining academic knowledge in the field of Computer Science and implementing it through various projects while also interacting and learning from a multicultural peer group.

In essence, I wish to study Computer Science to apply it for the betterment of the society and in the process create a niche for myself and make the university proud through my achievements.