When as a third grader, I declared that I loved Mathematics, people reacted with scepticism and said, “we will see once you get to the tenth grade.” When in the tenth grade, I still did not change my opinion, I was told, “tenth grade Mathematics is nothing compared to that of the twelfth grade”. The scepticism was finally converted to acceptance when in my twelfthgrade, instead of waning, my interest and abilities in Mathematics only grew stronger. Mathematics, Computer Science and Physics have fundamentally built my thought process and my approach towards life and has even shaped my personality.

I enjoy solving puzzles, sudokus, the Rubik’s cube and logical reasoning questions. I am fascinated by the fact that although Mathematics is bound by rules, one has the liberty to choose the path for reaching the solution.One of my primary aims in life is to discover a way to find balance between technological developments and the environment. I plan to solve this using Mathematics by finding out the critical threshold limit that will balance both progress and nature.

I enjoy the process of creation - it can be coding a simple program or building a fully working robot. I have particularly enjoyed studying a robotics course during my summer vacation last year where I created a small four-wheeled robot that could avoid obstacles. With a small change in the code, it followed a designated path on the ground. This is when I realised how significant each line in a program is and how a small change could completely reverse its function. I also completed a course on Android mobile application designing. These courses got me further interested in the domain and the following year, I studied a course on embedded systems.To improve my skill in Mathematics, I am currently taking a certified online course on A-level Mathematics from Imperial College London.

I have held different positions of leadership and responsibility throughout my years in school. After being chosen as the class representative for several years, in 11th grade, I was elected as the House Captain. In the same year, for teacher’s day, I was given the chance to become the administrative assistant of the school for a day.

The following year, I was appointed as the Goodwill Ambassador where I handled all my school’s charitable contributions. By volunteering at the Central Institute of Mental Retardation for a week, I got the opportunity to experience and understand the challenges faced by people with special needs. Soon after, our team, under the charity wing, organised different events to donate charitable items to orphanages and the underprivileged. This position evoked in me a sense of responsibility towards helping the deprived thus encouraging me to take part in more volunteering work.

During the teacher’s day this year, my teachers honoured me with the best Mathematics teacher award. Other than these, I have participated and won in interschool competitionsand International Mathematics Olympiads. I have also representing my school and have participated in a national-level Model United Nations conference where I was chosen as the head delegate of my delegation. These opportunities improved my leadership qualities and helped gain confidence.

I enjoy sports and have trained in badminton for over three years. I regularly take part in my Annual Sports Meets, where I have won several awards in my category. I have also attended classes for swimming, football and guitar.

I would love to study in the UK because of its cultural diversity and welcoming nature. Known for its superior quality of education, I am looking forward to exploring the various subject combinations within Mathematics and Computer Science that are currently unavailable in my country. I have had a chance to visit some of the UK university campuses during my sister’s admission last year and now I wish to experience the same for myself.