UIUC Essay

Essay 1-this is for Mathematics and Computer Science major

**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. If you're applying to the Division of General Studies, explain your academic interests and strengths or your future career goals. You may include any majors or areas of study you're currently considering. Limit your response to 300 to 400 words.**

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 twelfth grade, 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.

For several years, my interest in Mathematics led me to take part in many competitions including interschool competitions and International Mathematics Olympiads. This year, I pursued a certified online course for Mathematics to help me build my mathematical knowledge. Every year, in school, in the occasion of teacher’s day, the students are appointed as teachers and in other management posts. In the previous year, I was chosen to be the administrative assistant for the principal and in my 12th grade, I was honoured with the best teacher award for my department which was Mathematics.

Last year, during the summer holidays, I studied courses that helped me develop analytical skills. The android course involved the use of the Java programming language to build an application. I also did a robotics course which involved the programming and building of an obstacle-avoiding robot. After these, I pursued a course on embedded system which included the learning of the physical and technical parts of the Arduino board used in robots, remotes and many other minor electronic gadgets. Besides these courses, I have learnt sound and video editing, Java script scripting language, basics of animation and photo editing in school. Each of these courses gave me a little more insight to the digital world.

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.