Short answer 2

To me, computer science is a medium through which I can express myself. A few years ago, when I downloaded software named Python, and attempted to learn its fundamentals, I found it to be complex. Programming gives one the potential to manifest one’s creativity into a reality and that is exactly why I want to attend this course. I see that the prospect of engineering products through the application of computer technology is a key factor for innovation in the coming age. Teaching algorithmic thinking may be just as difficult as “teaching” creativity, but through practical experience in the MEAM laboratories, I think that I will deliver.

Nanotechnology is widely applied in industry and it will allow me to explore concepts of Physics and Chemistry down to the molecular level. In this course, I am particularly eager to study nanofabrication techniques and their application with organic Chemistry. My 10th grade research project on water clean-up projects with the use of nanotechnology has certainly enriched my perspective. Nanotechnology is of great interest to me because it gives me a solid foundation for further study in microprocessors, integrated circuits and robotics.