

Assignment 1 - Personal Statement

My obsession with technology was ignited when I thought it would be a fantastic idea, as a kid, to take my PlayStation console apart. Bearing in mind the danger, I was still eager to see how everything worked inside. I find it intriguing how fast Computer Science has shaped society and continues to do it. If somebody had claimed that cars would become autonomous some years ago, people would have doubted them. Now we are at a stage where almost anything is possible and that is due to the computer scientists' relentless problem-solving. The latest software update released by Tesla engines enables their cars to learn how to drive themselves, and is an example of artificial intelligence, a sector I'm most interested in. I want to study computer science because I want to gain the knowledge necessary to help with the efficient use of computer technology, to find solutions to world problems. With the help of this knowledge and skills, the number of creative ideas which can be brought will be endless. I hope to become one of the informatics scientists who will apply technology to help human's grow. One possibility would be for artificially intelligent gadgets, based on personal preferences, to recognize different people and adapt to their individual needs.

Mathematics is fundamental to everything about computer science, from simple sums to complex algorithms such as Bayesian optimization. I am confident that I will be able to work well with advanced mathematics because I have a high attainment in Maths, and I enjoy solving complicated problems. I can pick up new concepts in Maths quickly and gain an intuition for how they work and how to apply them to different situations. This skill would be very useful to learning about computer science, because mathematical concepts, like being able to prove that algorithms give the correct outputs for a range of inputs and programming a machine to be able to quantify and analyze massive amounts of data, apply to many interwoven areas of computing and require a high level understanding of the mathematical foundations of these procedures.

Gaming is another hobby of mine; this is one of the reasons that led me to become so interested in computer science. I'm part of a Dota game team. Over the years, I've watched the MMO franchise grow and I've always been stunned by Valve and everything around it. I attended 1 Dota LAN event with my team and we are also continuously active in online tournaments. I feel like Dota gave me the opportunity to meet many great people from all over the world whom I can now call friends. I believe that Valve and my activities in them help me learn to talk and meet with people from all over the world who are interested in the same things as me, I would also, in my future, love to work on creating and designing games and I feel that my huge interest in Valve would help me with this.

Technological advancements happen around us every day, from the evolution of bulky antenna phones into smart phones to the introduction of smart virtual assistants like Apple's Siri, Google Now and Windows' Cortana. I'm inspired by the

fact that computer science has become a fundamental element in the development of a better, smarter future for our world and my goal is to be part of that development process. I hope that studying Master Computing in University will help strengthen my knowledge of the subject and find me a successful career in the future in a field surrounding my topic.