My decision that my future would lie in a mixture of technology and arithmetic calculations was not an overnight “eureka moment”, on the contrary, it was more like a slow build up of interest and skill which would eventually decide in me pursuing computer science as a career path.

My interest in maths was sparked when I went into year 10 in which I started to understand the fundamental nature of mathematics such as logic and problem solving. This made my interpretation of maths change and things that I could never think of doing are now things I can do effortlessly I would call maths one of my strengths as my confidence has grown in this subject and my ability to do maths is self is exceptional. My predicted grade in maths is a 7 – 8 and I would say this is tremendously accurate based on my skill and comprehension of maths. My problem-solving skills (which is a big skill incorporated in maths) are excellent as I have practised this skill whilst programming. Furthermore, I am very logical when it comes to working out challenges which also dramatically inclines my advantage of having better reasoning ability when solving analytical questions. As I mentioned before I have previously programmed various applications for fun. Computer science is an enormous passion of mine ever since I have been young. As a child I was obsessively curious of how tech worked and what made it work. As a result of this I looked for the answers and now my present-day interests are:

* Penetration testing
* Cyber security
* Software development
* Capture the flags

In April 2019 I was part of a cohort of students that was fortunate enough to take the chance to visit silicone valley in San Francisco. Whilst there I had the chance to visit google headquarters and the computer history museum. Being the place where so many technological advancements have, and continue to happen, cemented my aspirations to pursue a career in the field of computer science.

Also, in July 2019 I had the opportunity to gain work experience at CEWE in Hamburg, Germany. During my time at the company I was able to apply my knowledge in computing towards the work I was doing there as well as being able to experience a working environment and gaining independence and self-sufficiency.

I have multiple strengths that I am great at which also will help in my academic and career path. I have part of programming is that I must memorise concepts and then apply them to problems in the future, this would help with problem solving as solutions I have learnt before can be used to quickly resolve issues I may encounter. On the topic of problem solving, this is something I enjoy a lot and indulge in in my spare time. I have brilliant writing skills as I can articulate myself whilst using whilst using complex vocabulary. This is an important skill as help my communication skills as well, so I am clearer. Resourcefulness is another skill that gives me an advantage above other people as I can figure out problems fast and efficiently. And finally, one of my natural skills is that I have an inquisitive nature. Not just curiosity but also what things do and how they work. By using this skill to improve other designs will make my work better than everyone else’s.