Intro:

From a young age, I’ve always been deeply interested in virtuality. It was video game, making all the impossibilities possible that first sparked my interest in cs. By the inspiration of an anime called “Sword Art Online”, my foremost dream was always to create a virtual world, the so-called “second world”.

What I have done related to my subject:

I can never forget the time when I first tried to **......** Though **.......** was time consuming and I almost ran out of vigour when dealing with those **......** But I know that before all the exhilarating study on the application filed with things like AI and VR, building a stable foundation is essential. To do so, I did some self-study online and read some books about computer science. Thereinto the **......** when I was working on an online course published by Imperial college called **“Mathematics for machine learning: Multivariate Calculus”**, I realized the complexity of mathematics for machine learning. **Multivariate calculus** really taught me a lesson of the significance of mathematics in cs. I also found out that I have been underestimating the difficulty of computer science too. Since then, I became interested in machine learning. I hung out online finding resources that can make me dive deeper into the ocean of machine learning. Gradient descent indeed made me spent some time on it when studying it on a Chinese version YouTube. I found out that it ....... Up to a point when I’ve been awakened by the challenge from some mathematic knowledge, I know that it’s time to look for other parts of my foundation. When I read the book “Introduction to Algorithms”, I had been taught of another lesson by **......** This was really a deep topic that confused me a lot.

Work experience/projects:

My classroom and college life did not restrict my interest on cs. Within the last 5 months, my knowledge on cs was tested by a project doing ...... This project was an absolute alien experience for me. I had to incorporate lots of the cs knowledge that I have learnt before. The use of ...... freshen my knowing of ...... But over the next 3 months period, I researched and asked a lot. At the end, when I my project first showed its function, I felt the ......

My own thoughts about a problem in the experience/project:

After I finished the ...... I start to reflect upon my project. What if I tried to use ......? I asked my teacher was told that this might be a better solution to .........

Extracurricular:

* Leadership (2-year house captain)
* Sports and teamwork (Swimming and basketball, house events)
* Autonomous

My goals/visions in college:

* To be able to do deep research upon fields of AI and VR

Summary: