Imagine yourself as a ten-year-old kid, knowing nothing but computer games. Then this man, David, a professional programmer, showed up, asking you that would you like to make some easy money with him by finding bugs in the game, what would your answer be? Hell yes! To be honest, during my childhood period, most of my passion for computer science comes from the attraction of money, David earned ten bucks by writing a few simple lines of code, and I began to fantasize that I may be able to write a line of code for a thousand bucks if I study computer science. Well, things have changed in the year of 2013, I downloaded a cheating program which promised me ten-thousand CFS (equals to one thousand bucks) if I pay one hundred bucks. I could not withstand this kind of temptation that time, so I gave away half of my living expenses to some kind of programmer who somehow inserted a virus in my computer and took the other half of my money. That was the time I started to realize that every single user on the internet is not secure, and I tell myself that I have got to build something, something powerful that can prevent the virus from getting into the users’ device. This idea has built my interests in computer science, and then I stepped on this one-way road of loving computer science and never turned back. As a result, I have a strong determination in applying for computer science.

(I guess I won't have to say anything about the competitions I've participated since that I’m in a BC course school and the contents of our subjects are just way too easy, I did attend quite a few times Waterloo Math competition in Canada but I got almost a hundred percent every time... so I don’t think it will be necessary to state that.)

To list my experience with computer science, most of them are related to weird stuff. The first program that I made was a cheating program, I created a fake QQ that could steal the users’ password. I first created a normal text box with the same size as the QQ login interface, I even copied the picture design of QQ, (to make it as real as possible), then I created the same message box for the ID and the password, everything was perfectly the same since I measured all these sizes by using the coordinate of the computer. The only thing I changed is that our “QQ” could never log in, because I did not (and of course, I could not) connect our app to the official website, instead, I plugged two “Sendmail” into both message box, which used our server, for this reason, I controlled the Mail User Agent, so I transmitted the mail to our Mail Transfer Agent, and finally, the ID and the password were delivered in my mailbox. I gave up at last since that I could not afford High registration fees for websites, but I have to say it was a fascinating experience since that I found the pleasure of writing code through reorganizing my logical thinking and put them in order over and over again, that kept me satisfied.

Another thing is that during my programming class, I was required to write a code that can recognize the Chinese horoscope of a person by knowing the exact date of his birth, and that trapped me. The reason was that the Chinese Lunar calendar is completely different from the solar calendar, but the input is an algorithm for the solar calendar while the output should be an algorithm of the lunar calendar. For example, the Chinese New Year of rat starts from Jan.31, 2020, but the next year, which is the year of ox, starts from Feb.19, 2021, so a man who is born in Jan.31, 2020 is classified in the year of rat, but another man who is born exactly 366 years later, which is Feb.31, 2020, is also classified in the year of ox. I tried to use 12 “if” to set two Chinese lunar years apart, but I found our that the computer could not read the exact date, so I have to go in order of “Year”, “Month” and then the “date”, year would be easy to define since that I could divide them into twelve categories by taking out the remainder of the year divided by twelve, however, under these twelve categories, I had to write another four if and else to precisely divide the first day of the year and the last day of the previous year. To sum up, I wrote 48 “if” and “else” in total and that caused me tons of time, and I started to wonder, why couldn’t I put all these dates in a set, and use a loop to let the computer help me run all the cases? That was my first experience with “for loop”, and I got a great sense of accomplishment by making my code easier. I started to feel like I was doing something useful, that through learning computer science, I may even be able to make this world easier.

(I may also get a bunch of Science Fair experiments... and other stuff... but it’s already midnight right now and I don’t think they will be that necessary, so forget about them and goodnight!)