Who doesn’t want to have magic? Even if it is just a magical broom like the one in “The Sorcerer’s Apprentice”? Well actually wizardries like this cost about a hundred pounds on amazon, odd looking brooms called sweeper robots paired with binary incantations, working under the magic of computer science. I am intrigued to learn more about computer science and understand the inner workings of these miraculous machines, my experiences from studying Math, Further math and physics only furthered my curiosity. (第一段我建议改掉，这么写的意义不大)

While my school didn’t provide a CS subject, I spent time to study CS in my free time. I was familiar with Java and also Action script 3 (a language used in Adobe Flash and Animate). I established a computer science club in my school together with several others who were interested in computer science, where we learnt the A level textbook to make up for the lack of computer science as a subject in my school.

I have also done several “Project Euler” challenges where I created computer programs to solve challenging questions. The most interesting problem I met by far was to find the smallest Cube number with 4 other permutations that are also cube numbers. /\*The question looked easy (since it is a programming question) but there are actually a lot of unexpected problems hidden within the question that required some interesting solutions, for example the answer is larger than the largest allowed integer values in most languages, and since I did not learn how to operate with “long” values I had to come up with my own solution, which is to convert the number in to an array before cubing it, and then count the digits instead of working out the actual solution to save calculating power.\*/ (这一段需要改一改，你现在知道怎么做大数运算了吗？如果你知道的话可以加进来)

Furthermore, I believe my work experience at Likeit’s Home Network Cooperation contributes to my understanding of the development of software. The company developed a catering program called Likeit that help restaurants manage their daily affairs, where I experienced the basic processes of software development and learned some basics on using the Java based Android creator system, enhanced my java programming skills, learned the process of accessing, analysing and applying Json codes, and basic management of database using SQlite3. But most important of all, I confirmed my interest in computer science. (这一段可能要作为你整篇PS最主要的一部分，所以需要进行扩充。要把你产生兴趣的过程具体描写出来，而不是就用一句话就说你对计算机产生了兴趣。另外对于英国这边来说你最好不要写太多的software development的内容，除非是你说在software development的过程中让你产生了很大的兴趣)

I believe that my problem-solving skills and my ability my understanding about computer science. I have achieved a gold prize in the Senior math challenge and a silver prize in the Senior Physics challenge, both with the highest score in my year. My problem-solving skills helped me overcome the obstacles I met in the process of obtaining the required knowledge for me to have a more in-depth knowledge of computer science. I have also taught myself how to program with action. (这一段写获奖、参赛没什么问题，但是写的不够深入。这里的这里的重点是写一些你是如何在准备比赛的过程中提高自己解决问题的能力的，而不是说你解决问题的能力让你获得了这些奖)

Other than problem solving skills, self-studying skills are also vital. I have taught myself ho to program using Action script and made several small flash games, I uploaded them to “FastSWF” under the name of “Blobfish”. The game I pride myself on is Hnefatafl, a Viking chess game first played in around 400 AD in Northern Europe. You may have seen it among British Museum’s collections and also in the museum’s gift shop. (this is my job for next month) I made a program that can play against a human. (development in progress so more details to come). (这一段需要需要提前，因为是你自己独立完成的一个游戏，而且还包含了AI的部分-虽然可能比较简单-，所以所以应该是主要的一段，需要进行扩充。)

Studying Computer science in university would help me improve my computer science skills and bring it up to a new level. I believe I am ready for the challenge posed by university education and university life and I would do my best to face it up front. I hope that by studying computer science in University I may be able to do what I currently like best and pursuit a career in computer science.

这篇PS整体从内容上来说没有什么严重问题，但是每个内容之间的位置、比重和深度需要重新调整。一般来说对于一个想要冲击牛剑ic的ps来说，仅仅是写你做过什么事情是不够的，你要在这个的基础上写出你自己的一些想法或者是你在学习、准备比赛等的过程中遇到过什么样的问题，你是怎么通过各种方法来去克服困难并解决问题的。

对于你这篇文章的权重来说，我比较建议的是当前的第三段简写，第四段和第六段需要变成你文章中最主要的部分（这两段的比重看你个人情况而定，我建议第六段>第四段），第五段只需要调整一两句话，把原先的“problem solving skills -> 我在竞赛上的成功”改成“我在准备竞赛、做题目的过程中problem solving skills和self-studying skills得到了提升”。

顺序上我建议把现在的第六段提前到现在的第三段和第四段中间，这样的话这样的话整篇PS的逻辑结构就变成了：我学校没有开设cs课程，但我对cs有些兴趣 -> 我在课余时间学习了一些编程知识并参加了一些挑战 -> 我纯粹因为兴趣自己编写了一个游戏，同时也开发了一个基础的AI对战系统 -> 我再进一步地通过一些实习经历，确定了我对计算机的兴趣与热爱 -> 我十分想在一个很好的大学完成计算机的学习