Personal Statement

'Behind Every Code is an Enigma', even a year's trivial schedules replenished my life, I could still, clearly and confidently, draw the poster of the film 'The Imitation Game' in my mind, on which these six words covers Turing's face. The film, recomposed from 'Biography of Allen Turing', emphasizes on how Turing, father of Computer Science (CS), accounted on CS to switch the world war II structure. But was that all CS could do to either the development of civilization or the improvement of technology? No. And this answer is what precisely fired my passion toward this disciplinary, and activated my decision to pursuit further study in computer science.

Scoring 100 plus credits in the major of Biomedical Engineering with an overall GPA of 3.66, though, but only credits of computer related courses presented me where my value lies. As for those and all other major courses, I reached a GPA of 4, maximum in the standard. Such an accomplishment even motivated me to fulfill a thorough estimation of my potential. Looking back to my freshman semester, when I for the first time got in touch with C language on the class, after which the lecturer released an assignment to write a calender program. My shortage of groundwork toward languages and programming costed me a heap of time, but also excavated my interests. Particularly, when the magic of algorithms and codes controls a machine or other forms of systems to serve for developers, I was unprecedentedly excited, and was invigorated to make my values come true in this field. Though, ranked high prepared me a solid foundation, I have always been making the theories and practices interconnected. So an equal part of my time was paid to projects.

My first project, which attended the UESTC Electronic Design Competition and obtained third prize, was a design of an intelligent LED light cube automatically controlled by light, temperature and voice. Likewise, we achieved a smart alarm system that enables the target area's safety. As for the process, within my expectation, was not effortless, at all. I had to use embedded C language to programme the software on windows, and Java to programme the APP on smart phone in correspondence. Lack of practical experiences led to unexpected bugs now and then, and for each of them, I relearned the relevant algorithms and spent half a day to make it up. What's more important, once a code error had burned the chip when I welded the circuits and I was within a hair's breath of being scalded. Challenged the task was, but I overcame it and my ability of Java and C was significantly improved. Meanwhile, I noticed that C++ is what I have to master, after which I took over a project using C++ to make a RNG online game. However, again, I found there are endless skills I also have to master such as database, web develop, html and js programming. Accordingly, I interned at an electronics corporate to learn web layouts, web back-end develop and web programming.

It is known of its name, Chengdu Ludetong Electronics Co., Ltd, who runs his business in intelligent transportation system and GIS. In the office, I was too young to handle or took part in ongoing operations, but I was trained a load of facts about back-end develop. And that training ensured me a deep understanding to web's front-end and back-end. Therefore, the program of developing a hospital register system in my junior year was less intricate to me, and problems in it were no longer fresh to me. Until then, I would say that I was reaching a graduate level, both theoretically and practically.

I was born in a remote poor western town in China, where people are inherently traditional and hard to accept fresh stuffs. What's more, leisurely working style kept them out of the minds to innovate and go forward. As a witness, I am looking for all means to earn a space in the world with quantity of mechanics. Thus I will come back to China to be such an expert like 'Turing' in the film, not to help end the war, but to help develop a better technology that serves for human being.

I collected a great set of data about top universities in US of their Computer Science departments and I stopped searching when I came to know the CS program in University of Southern California, who savors a renowned prestige all over the world, and enjoys an unaltered height of ranking. More words are adding on its faculty, alumni, and current students network which is a best wealth for me to reply on. Aside from it, its curriculum focused on combination of theories and practices, by any standard, is gonna enlarge my potentials. Banding all these together, USC is where I am meant to go. Hope this paper is understandable enough for your evaluation.