**Prompt: Describe a concept, idea or topic that you find so engaging that you can see yourself spend hours talking to a friend about it, spend your weekend learning more about it, or spend your time physically engaging with it. Why is it so engaging?**

“Someday, I will change the world”, I declared in front of my family four years ago at an October night, after reading too much stories about world innovaters. At this point, you might deride that it just a word from an innocent, mouthy and dreamy kid. So do I. But don’t hurry to conclude, let’s see what that kid has done after his statement.

At that time, the ~~Vietnamese news TV program~~ news incessantly talked about “Industry 4.0”, “Technology is changing the world” ~~all day~~, which constructed in my mind a firm faith in computer that this kind of machine would be my toolkit for “changing the world”. The morning later, I earnestly asked my father ~~(the vice principal of my curent school)~~ to apply for the school’s Computer Science (CS) team. At first, he was quite confused with my thought, until we both sat down for a man-to-man talk about how essential this subject was to my “grandiose” plan. I saw he slightly smiled, and after that I became the youngest member of my school’s CS team at the age of fourteen.

Continuously following CS in senior high school, I’ve learned about high-level algorithm like dynamic programming for optimizing problems, graph theory which mainly helps Facebook to build its huge social network, or about computational geometry. It’s always been amazing to discover new algorithm as well as new ways to solve problems from real life. Naturally I became a “CS sportman” when I participated in many competitive programming online contests. Throughout two years competing, I am currently in top 1.5% of the most excellent programmers on Codeforces. Thanks to these contests, I’ve made friends with many same-minded students from all over the world. In addition, many honour awards in reputable competitons (Third prize in Vietnam Olympiad in Informatics, Third Prize in Informatics Competiton for Youth and two Gold medals in 30/4 Olympic Competition) are always my special prides.

Be aware of my responsibility to community, I have ~~made~~ founded two projects to help other students learn CS more easily: an online forum for algorithm studies and a Codeforces group where my team prepare contests for ~~newbies~~ computer science enthusiasts in my school. These works are great ~~oppunity~~ opportunity for me to not only share my own knowledge to community but also practice team-work skills. To prepare a contest effectively, I divide the whole process into tiny steps, assigning them ~~for~~ to ~~approriate~~ individuals ~~for everyone to~~ so everyone can develop their strongest skills, contributing to the success of all contests.

Moreover, I’m also keen on others branches of technology like electronics and machine learning. I attended ~~to~~ a Creative Science and Technology Camp in Ho Chi Minh City, where we discoverd how computer interacts with physical machines. Those days I stayed up late a couple of nights to practice building a program by myself that could get information from sensors and use it to toggle the devices. Besides, under instruction of Mr.Phong, I’ve researched about artificial intelligence and come up with a application that can recognize handwriting online.

~~After all, I have to embarrassedly admit that my innocent declaration four years ago is somehow too highflying~~. But I never regret of saying so because that thought has ~~lead~~ led me to Computer Science, to my destiny. I firmly believe about a bright future where I can follow my passion in new environment at Fulbright university.