“Daddy, why do magnets attract each other?” “Mommy, why does the TV need to be plugged in?” “Daddy, why does the bicycle only have two wheels to still stand up? ” “Daddy?” A little boy kept asking all kinds of questions until one day his father bought him a book named *a hundred thousand whys*. But he has always maintained the eternal curiosity to explore the world.

I was born in a family where my parents were both busy running a furniture factory. I could play with all kinds of tools and leftover materials, make toys for myself and explore interesting things by myself. It was one of the greatest joys of my childhood to assemble a small car with abandoned wheels and let adults drag it carrying me around. At that time, playing made me like creating new things with hands, cultivating the intuition of perceiving the movement of the world and the eye for discovering details.

As time went by, I was far away from the factory because of my studies, and my parents didn't want me to inherit their work to do business, because it was too tired. When I was in junior high school, I had physics class. All sorts of little sliders moving cars, friction, support, force analysis, everything is so clear in my head, out of an intuitive sense of the real world. I like this course very much, and I can get a high score in the exam and be praised by the teacher. They encouraged me to study further, to explore the unknown and to learn existing theories.

In college, I took part in *China Undergraduate Physics Tournament(CUPT)* which request participant to research a variety of common physical phenomenon in life. For example, why is it so hard to pull two books apart with each page interlaced? Why to shoot water column to be able to appear with laser pen a circle of beautiful decorative pattern? My teammates and I Set up the experimental platform, calculated the theoretical conjecture, measured the experimental data and verified the experiment by ourselves. It was not easy to play but we all had fun. Finally, We won the second prize on behalf of Sun Yat-Sen university in the national competition.

Senior in university, I really learned Einstein's theory of relativity, a counterintuitive but based on the theory of intuition macro-theory, the speed of light remains the same, all the laws of physics in the inertial system are equivalent, deduce the famous eqution , laid the foundation of modern science.I also learned quantum mechanics, and accord to it the micro world is so strange. Particle tunneling through the barrier, quantum superposition states, schrodinger's cat...I was fascinated by exploring the nature of the world step by step with basic principles, and then I understood what I wanted, what I wanted to pursue in life, to be a physicist, to be a researcher who could explore nature diligently.