

Life, in all ranks and situations, is an outward occupation, an actual and active work as W. Humboldt said. The more you live, the more you understand the world. Everyone wants to live his life, satisfying the most common needs, desires and demands. But the real success lies not in satisfaction, but primarily in self-realization as each person strives to be engaged in something that brings interest and pleasure. I am not the exclusion.

My name is Liang Zhang. Since my early childhood I remember myself being a creative child who was interested in circuit design, because my father often repaired the radio equipment. At the age of 6 I had already tried myself at engineering the microcircuits according to the clear layout that I invented on my own devoid of any father's help. I felt myself the happiest person in the world and that gave me power to improve my skills in this sphere. The next stage of my development was electricity and all connected to it. Knowing that electric charge is the most important source of energy used by everybody, I knew that it was beneficial and generally claimed, not in terms of money, but in terms of being useful for any kind of help in extreme conditions. My mother always called me "a young electrician" due to the fact that in case of short circuits I could repair the sockets, not being afraid of high-tension current and not needing the help of my father who was often not at home. When getting older I was enlisted to attend the aircraft modeling club, which soon became my real passion. It often happened to me to watch TV programs about the space flights that inspired me greatly. I was totally engulfed by the aircraft modeling, devoting all my spare time to reading the books about planes and the ways they are constructed and used. I began to love the sky and was dreaming about taking off by plain one day. It seemed like I wanted to experience flying under weightlessness conditions far beyond the clouds. When studying at school I was lucky to get honoraries for the participation in aircraft modeling contests. All the more, that could be said not only about my school life. Taking part in various competitions outside the secondary school, where my constructed aircrafts managed to develop the maximum high speed because of running the powerful engines, I was always given the first or second places. Every time when I got the reward, my father was proud

of me and, for my part, I felt shy, because I didn't get used to be praised, otherwise I would not have the stimulus for the self-completion. All in all, those occasions forced me to be deep in thought about my profession. My calling pursued me for many years. Finally, I realized that engineering and aviation are the things that I would like to practice for the rest of my life. Moreover, right now I am not only interested in getting the suitable job position, but also in entering the graduate school to get more profound knowledge as I want to become a real professional in this sphere. So, I am hoping to study at Embry-Riddle Aeronautical University.

I came to the USA in 2001 to study electric engineering at UC Irvine. Staying here from that time, I felt that this is the country I would like to live and work in. That is why I was always trying hard to be educated in a proper way. After the graduation I was given the position of electrical technician at the military defense company. This industry is known to produce the High-Voltage Power Supplies, which are sold all over the country. Generally, the dB designs specializes in production, repairing and refurbishing of reliable high-power TWT amplifiers, transmitters, microwave power modules, communication and instrumentation applications, modulators for radar, electronic countermeasure. During one year of efficient work, I dealt mostly with mission-critical and sole-source products and I was able to get the unforgettable experience there. Together with marketing manager and other engineers we achieved our goals and over-fulfilled the output norm of supplies in each decade. I got a great job experience, but was not sure about choosing the right specialization to work in. I am not going to leave my engineering position as it brings me pleasure as well, but as likely as not, my childhood memories forced me to steer towards my dream of connecting my life with aircraft designs, aeronautics and aircraft modeling and generally getting the education in this sphere.

As I previously mentioned, I would like to become a student of Embry-Riddle Aeronautical University. In spite of the fact that I was offered a new steady job this year, I am convinced of getting the further education there. It seems that this would be a real paradise for me. I keep informed that this educational establishment has the curriculums that cover

engineering, manufacturing, research, operation, marketing and management of modern aircrafts and supporting systems. The subdivision into colleges and departments helps to get more university entrants. But I am personally interested in studying aviation. And the matter is not the education itself. Regarding that this educational establishment provides a wide range of enrichment programs, the student has the opportunity to get a practical experience, except for studying the theoretical materials. In this case, I would enrich my knowledge of aviation greatly and probably find congenial friends, who are as interested in it as I am. What is more important, the successful student will always have a chance to make his career as a lecturer. The study abroad programs allow you to spend some time studying engineering in the other country that also provides extended professional experience. That is why, it would satisfy my expectations. Apart from being competent in engineering as a study, I would not refuse from getting more information about corresponding software and the way to operate it as I know that each major subject is based upon it. In addition, I would be eager to take part in top-ranked flight training and engineering programs so that after my graduation I do not face problems with controlling the direction of the plane in motion. One more positive side about education at Embry-Riddle Aeronautical University is the ability to pass some courses online on the Internet. This opportunity stimulates you from being distracted from your studying trimester plan. Being not able to come to the university, the student is given a possibility to pass the subject online and he can be sure that he is fairly scored. I believe that this is a very convenient and innovative step in the modern educational system. As I apply for the graduate school, I take an interest in doing researches. I have done the huge number of them, studying at UC Irvine. Furthermore, the up-to-date research is not aimed at explaining the theoretical methodology of aviation, it only deals with engineering breakthroughs, which could be proved by the prolific investigations, conducted in the modern laboratories, equipped with the special appliances. Doing more practical things would develop my skills in making more concrete scientific decisions to be included into the paper that is useful both for aviation field and for me. Apart from research work and studying

process, the university offers a large number of summer campuses. What is more important, the organizers of the campuses offer students the unique combination of rest, profile experimental work and activities the students usually want to be engaged in. The experience that people usually get there could be extremely useful when doing the work by specialty in the future. One more point of my interest is a wide range of study abroad programs. Collaborating with Global Engineering Education Exchange and other independent partner institutions, the students are offered many international options, including even the countries in Europe. Taking into consideration that I am eager to practice rather different methods of studying, I would like to try taking some classes abroad and participating in computer-aided design programs, because I am fond of computers and technology as well.

As a person who is keen on aviation, I visit our local library and choose the books about aeronautical studies and applied aviation sciences. There I find the materials that will be definitely useful if I am lucky to enter the university. I know definitely that I have chosen the right way to move along. To some extent, sometimes I feel so animated that my basic knowledge, mental and brainstorming processes breed some logical ideas, which in reality could probably lead to the new ways in design making. It refers not only to the research work, but also to practical experience and new developments. The reason for my enrollment is obvious and predictable, because to study at the world's largest independent aeronautical university is a great honor for everyone. As for the application forms, I am going to fill them in attentively, including the options that are required in the PDF file. I am sure that I could find the solution to all my problems at Embry-Riddle Aeronautical University. I would definitely discover much new that I would be able to use for the rest of my life. I hope that my personal statement helped you understand what kind of person I am. And I do hope that my childhood dream would become true.