

Science and Engineering: After

I was raised in the rural town of ***** in Taiwan, a place where our greatest goal was to help neighbors in need. Volunteering to tutor primary students that did not have access to higher education gave me great satisfaction, as did helping my classmates with learning difficulties as part of the Dean's List learning partnership program.

Even now, I still maintain these values, which is why I am seeking a doctoral degree in mechanical engineering. This field has the potential to blend breakthroughs in physics and materials science to make advances in such diverse fields as medicine, transportation and robotics that will transform people's lives.

Mechanical engineering has become so complex that this field has become even more international in recent years, which is why I am seeking a degree abroad at an elite institution like the *****. ***** world-renowned faculty, cutting-edge resources, and international student body will provide me with the foundational skills to achieve my career objectives.

Even though I was born and raised in Taiwan -- I already have an international perspective. My father is a businessman, and introduced me to clients from such diverse countries as the United States, Japan, China and Vietnam. These experiences made me realize that we are all part of the "global village." My sister also inspired me as she was involved in several exchange programs while attending her undergraduate program. She impressed upon me the importance of understanding different cultures to improve my interpersonal skills, as well as to learn about the latest advances in my profession from other countries.

These experiences encouraged me to participate in a summer program, Volunteers in Asia American Language and Culture (ALC), which provided me an opportunity to live with Japanese and South Korean students. This program also gave me an opportunity to visit the ***** campus, which impressed me with its liberal atmosphere, beautiful campus, and numerous student activities.

During my junior year, my outstanding academic performance qualified me for an exchange program to ***** University in Singapore. This gave me an opportunity to experience yet another culture, while participating in a cutting-edge research project where I collaborated with lab partners from other countries.

Although I am academically successful, this has not always been the case. Initially, I struggled in high school attempting to learn the materials on my own. Then I discovered the power of working in groups to absorb material and soon became successful having gained admission to the Department of Atmosphere at ***** University.

During my freshman year, I visited a number of exhibitions related to machine tool design and innovative robotics designs. It made me realize my life's passion -- to learn about mechanical engineering, and to begin my career in an international

environment. The ***** campus is the perfect environment to gain this knowledge that will become the cornerstone of my professional career dedicated to using mechanical engineering to improve society.

TOP  Admit