

## Statement of Purpose

My fascination with science and technology was conceived during my early years. As a young child, I was left speechless against the electrifying developments of technology. Little electric cars working with batteries, the brightening lighthouse in the middle of nowhere, all-technical houses in futuristic movies, and the songs played on TV to imply the correct consumption of electrical power all shaped my childhood memories in sharp awareness towards the electrical technology. By growing older, I discovered the foundations of this form of Energy and thus during my undergraduate studies I was thrown into the comprehension of the macro organisms of generating, transmitting, distributing and consuming electrical energy.

I believe these four stages are not only a science to be apprehended, but also a magical kind of art that enables us to produce energy from a variety of sources, carry it from one place to another, spread it house to house and ultimately use it in our everyday lives. Regarding my passion, I knew this could be the field to which I could contribute.

To enter public universities in Iran, which are highly regarded in and out of the country, participation and further success in a nationwide entrance exam is required at the end of 12 years of study. In the year 2006, having achieved an extraordinary rank of 320<sup>th</sup> among 500000 participants, I was admitted to enter universities. I chose Faculty of electrical engineering in **University of Tehran** as the most prestigious university in Iran. During my education, I followed all courses with much enthusiasm and passion, and I dedicated my endeavors to general comprehension of electrical concepts, including *Electrical Circuits*, *Electronics*, *Control Systems* and *Telecommunications*. Among the courses that interested me to the highest extent were Electrical Machines I & II, in both of which my excellent performance was proved by impressive grades. The ensemble of these courses helped me gain more insight towards various disciplines.

Considering Germany's reputation for science and technology, and the esteemed status of **RWTH Aachen** all over the world, I chose Germany as my destination. In addition, as an 8-year-old, I spent a year in North-Rhine Westphalia whose vivid memories have penetrated in my personality. The enriched cultural society affirmed my initial adoration for this country, and the tremendous opportunities that German universities offer students with different backgrounds captivated my mind and ambitions. These unique circumstances motivated me to apply for a Master's Degree in **Rheinisch-Westfälische Technische Hochschule Aachen**.

Germany's huge appetite for scientific developments inspires me to complete my significant former efforts in search of a better and more diverse future in this country. As a consequence, I would appreciate a move to Aachen and a chance to study Power Engineering in order to deepen my academic aptitude as a researcher and fulfill my intellectual, cultural and empirical potentialities as a human being. In a word, this program would lead me to a future in which I have a wider range of possibilities either to continue my education for a PhD degree, or achieve a

more unique and functional method to use my knowledge in quest of further improvements in life of human beings.