

Fast Track Biography

I am Lee Shao Xiong, an international student from NUS High School of Math and Science in Singapore. I've been enamored with science and technology since as long as I can remember, literally; the first book I recall reading was about the space program. Engineering in particular interests me because engineers solve practical problems – whether it be keeping your lunch warm or putting a man on the moon, engineers can get the job done, making our lives better with each ingenious fix.

I chose Electrical Engineering because of how important it is to our everyday lives. Our mastery of electricity is the foundation of today's world as we know it; without the appliances that light our cities, heat our homes and connect our lives, the world would be a cold, dark and rather miserable place.

I've got a little practical experience, having done two internships back in Singapore with the Defense Science Organization of Singapore. On the first, I worked on geolocation using satellite signals, and on the second, I learnt about coding deep neural networks for recognizing handwriting. In addition, I got to do some hands-on work in my first semester in UCLA, where I helped design and build a remote-controlled car capable of automatically steering away from obstacles. I'm most interested in experimental work, as I prefer working with things hands-on instead of staring at a computer screen all day; I do enough of that in my free time, anyway. When I'm free, I enjoy reading science fiction and fantasy novels and manga, drawing, playing video games, practicing kendo and inexpertly playing music.