

I am Dan Song, an Electrical & Computer Engineering student at UCLA. I was primarily exposed to engineering through interactions with my parents, who are both engineers, and to aspects of electrical engineering in particular through programming robots on my high school's robotics team. I ended up choosing electrical engineering because it is a combination of all the subjects I am most passionate for. My interests started as just an enthusiasm for all things mathematical. I took classes up to differential equations in high school, and I often passed time reading up on random topics I wouldn't get to formally learn. Although I still enjoy the purity of mathematics, I have grown to appreciate the fields of physics and computer science which apply it. Electrical engineering is perfect in using knowledge from diverse parts of such fields for even more diverse applications.

My long-term goals are to obtain a PhD and eventually be employed doing some form of research. Currently, I feel I would be most interested in control theory and possibly signal processing. As an undergraduate, I plan to better understand these and other areas to best prepare for and best decide my specific future pursuits.