

Hello, my name is Andrew Tang, and I'm from Los Alamos, New Mexico. I'm currently a student at UCLA studying Electrical Engineering as part of the Fast Track program. Before UCLA, I attended Los Alamos High School, where I played varsity tennis and developed a passion towards physics and engineering. During the summers of 2017 and 2018, I also took on a student internship under the guidance of Doctor Houtong Chen at the Los Alamos National Laboratory. I took on a personal project of designing and fabricating a 2D metasurface Alvarez lens and also helped in the design and fabrication of an electrically small antenna. Through this, I dabbled in CST Microwave Studio, basic python, and how to collaborating with people from diverse technical backgrounds.

Between 2017 and 2018, I took a seven-month gap year with Thinking Beyond Borders, an awesome gap year organization. During this time, I traveled to five different countries on three different continents, where I stayed in homestays and experienced life through the lens of a local. Throughout my travels, I was impressed by how pervasive and life-changing technology is; for example, in rural Thailand, families had smart phones and dirt floors at the same time, and used them to connect to a world they otherwise could not access. These experiences have made me view electric engineering as a uniquely influential field and an opportunity next to none to contribute to the world.