

## Victoria DaSilva - Class of '25

Hello, I'm Victoria DaSilva, a freshman electrical engineering major at UCLA from Manhattan Beach, California. I am a violinist in UCLA's Symphony Orchestra, and also sing, play guitar, drums, piano, and write songs in a local band. In addition, I am working with a team on the Micromouse project within the IEEE club at UCLA, in which we construct and code an autonomous robot to solve a maze. I chose electrical engineering because I am fascinated by the fact that all the fundamental aspects of our existence—specifically, electrical synapses in our brains and audible vibrations in music—are composed of oscillating frequencies. I am also interested in parallels between the human brain and computer code, and want to learn how we can translate our thoughts directly into machine learning.



I enjoy being taught how to think deeply and convey my thoughts articulately, so my favorite subjects are math and English. Math is satisfying because there are set rules that always produce a predictable outcome. I like physics for this same reason—that the universe abides by specific, unwavering rules that can be discerned using man-made numbers and equations. Writing is fun because I like getting my inner voice heard by other people precisely in the way that I think. Outside of school, I regularly exercise, spend time in nature, and contemplate Transcendentalist philosophies.

My profound curiosity about the way in which the universe works makes me eager to explore all the opportunities available to me as a Fast Track engineer during my time at UCLA. So far, my favorite Fast Track class has been E96C, in which we programmed a SensorTile to analyze orientation and motion of the device in order to carry out an independent project. I appreciate the hands-on engineering experience I gained during this class, because I had not had this exposure prior to UCLA. I am thrilled to be a Fast Tracker because I know this program will challenge me to grow. I look forward to fine-tuning my critical thinking, collaboration, and ingenuity, which are skills that can be applied in all vocational directions.