

I'm Eugene Min, an electrical engineering student from Belmont, California and I attended Carlmont High School.

Although I was always interested in STEM from a young age considering the classes I enjoyed most, in high school I developed my passion for electricity in FIRST Robotics. Team 199 Represent! On this team I built electrical systems, experienced electro-mechanical work and eventually led the electrical team for two years, where I would take on the responsibility of organizing training and voicing our team's opinions. I was mesmerized by the multitude of possibilities and how much electricity has permeated our lives.

Thereafter, in my senior summer, I was further drawn into electrical engineering when I interned at the Diamond Foundry, a company that manufactures diamonds. I worked in their automation department and led my own controls project to produce an electrical cabinet to monitor one of their lasers. Through this, I gained valuable experience in what it means to complete a project at an industry level from start to finish, which meant I developed a wide range of skills since I had to work on all aspects of a project. Additionally, I learned technical skills like Solidworks, PCB design, PLCs, and Draftsight from my mentors there. I hope that UCLA's education and opportunities like FastTrack will be the catalyst to continue to do projects involving electrical hardware like I did over the summer.

I have already begun with these projects. I have been working on Micromouse, which is a maze solving mouse, through UCLA's IEEE chapter.

Aside from academics, I enjoy martial arts, which I will hope to continue my whole life. I have done karate for 10 years and at UCLA, I have been training in the Taekwondo club. I am also interested in aviation, so I have joined UCLA's RC plane club Design, Build, Fly. I hope to one day be able to fly my own plane.