Fast Track Bio

Hello! My name is Eric Tan, and I am an electrical engineering major in UCLA's Fast Track Program. I went to Monta Vista High School in Cupertino, California. Ever since I was in middle school, I took a liking toward math and science, but it was my high school physics teacher that got me interested in the subject of physics. One reason I chose electrical engineering is to be able to use applications from a topic that piques my curiosity. I also attended a summer program called COSMOS at UC Davis, where I was in the cluster about electro-optics and nuclear technology. After getting the opportunity to tinker with function generators and oscilloscopes, soldering, and breadboarding, I was eager to explore more about the field of electrical engineering.

High school was also a time I became interested in computer science, as many of my friends shared a passion for the subject. After being exposed to introductory programming and theory from my high school classes and clubs, I realized that a decent amount of the material could potentially be applied in the field of electrical engineering. I would love to explore the interdisciplinary nature between computer science and electrical engineering, as the two are related to each other in many areas (one project I am currently working on with a partner is designing and programming a hardware device to monitor bad form in resistance training exercises such as bench press and bicep curls). Therefore, I am interested in doing more research on software development.