

About Me

I am a current researcher and developer based at UCLA, who is pursuing an Electrical Engineering degree through the Fast Track program offered this year. Originally from Orange County, I have discovered that engineering is of a vital necessity to individuals globally, from students I taught in Cambodian NGOs to athletes I work alongside with for Special Olympics Southern California. In my opinion, the power of engineering rests in its ability to generate a large social impact from a small difference, a difference that I believe rests at the interface between electrical engineering and computer science.

Although my research focuses on topological insulators at UCLA's Device Research Laboratory, I have gradually become accustomed to a variety of platforms and softwares, ranging from Android Studio to Unity to VASP, that have guided my personal projects and shaped how I participate in organizations including Unmanned Aerial Systems (UAS), the Institute of Transportation Engineers (ITE), the Association for Computing Machinery (ACM), and UCLA Startup. As a former National Merit scholar and perfect scorer in the American Mathematical Competitions (AMC), I believe that a strong understanding of electrical engineering requires that one embrace both theoretical and practical aspects of engineering, so that differences can be properly recognized and realized in the bustling world of today.

My Perspective

Being part of an engineering community entails that I blend my ideas with those of others in order to accomplish the most from every opportunity I encounter. Never has collaboration been so valued as today, and the dedication I learned from earning a black belt in karate, as well as the communication skills I gained from being a state qualifier in debate, will be crucial in building a collective vision that every person can be a part of. As we approach the beginning of a new decade, I hope to keep this in mind while developing new technologies that are uniquely relatable to my experiences.