Xiaoya (Zoe) Chen

Hey, this is Xiaoya Chen, aka Zoe, pursuing Electrical Engineering at UCLA in the class of 2025. I was born inNingbo, China, and made the move to Los Angeles during my freshman year of high school.

Why did you choose UCLA ECE ?

UCLA offers abundant opportunities for students, including involvement in various student organizations and hands-on lab experiences. These opportunities are crucial for undergraduates, providing valuable practical experiences and enhancing their overall learning journey.

How are you involved at UCLA?

During my sophomore year, I served as the recovery lead in the Rocket Project Prometheus team. In this role, I collaborated with exceptional individuals, contributing to the development of a recovery system aimed at ensuring the secure landing of our rocket.

Additionally, I'm actively involved in Professor Iyer's CHIPS Lab, where I've gained diverse skills, including simulation, testing, and manufacturing. This experience has further enriched my understanding and expertise in the field.

What are your educational and career goals?

Motivated by the guidance of both professors and graduate students at UCLA, I aspire to pursue a Ph.D. program in the semiconductor field. My time at UCLA has revealed significant potential in this domain, fueling my enthusiasm for further academic exploration. While my specific career goals are yet to crystallize, my overarching aim is to become a valuable contributor to society. I envision leveraging my acquired knowledge to make meaningful contributions and assist others.

What projects are you taking on in your own time?

I am presently engaged in the design of an in-substrate 3D inductor at CHIPS Lab.

Recently, I completed the designs, and the simulation results indicate that both the inductance and resistance have successfully met my predefined goals. Currently, I am learning all the essential skills and knowledge required for the fabrication of the inductor. My goal is to soon undertake the complete manufacturing process and bring this project to fruition.