

Wenhui Sui  
Fast Track Program, Class of 2022

Hello! My name is Wenhui Sui, and you can also call me Beryl. I'm an international student from Shanghai, China. I currently study electrical engineering at UCLA.

I have attended three high schools, which are distantly located and have very different study systems. After graduating from my middle school in Shanghai, I went to High School Affiliated to Shanghai Jiaotong University and spent my sophomore year there. During that year, I applied to a ten-month international exchange student program hosted by my high school and BASIS Tucson North, a charter school in Tucson, Arizona. After months' preparation, I successfully got in the program and spent my junior year in Tucson, living with a loving host family. Then, as I decided to pursue a college education in the United States, I moved to a small city in Indiana, studied at West Lafayette Jr/Sr High School for my senior year, and eventually graduated from this school.

I decided to major in electrical engineering mainly because of my family background and my interest in STEM classes since middle school. Having a father who is a material engineering professor, I spent summers of my childhood staying in engineering buildings. In addition, I had a strong interest in physics and maths since middle school – I loved challenging myself with hard problems and enjoyed the satisfaction when I finally solved them. During high school, I took part in a competition called China Thinks Big, in which my teammates and I studied various bridge structures and used 3D printing technology to build the models. I always enjoyed doing hands-on projects, from making DIY decorations for my family to the project in bridge structures. I took AP Computer Science class in my senior year and found it such an attractive language. Therefore, when it came to choosing my major, my father gave me the suggestion of electrical engineering, as it is a major that perfectly combines my interests in maths, physics, art, and doing technical hands-on work, and it is a major with great potential that leads to a wide range of career paths.

As a Fast Track student, I have much more resources than other EE students and I'm using them to my advantage. I'm currently taking the ECE Seminar 1, in which people in the industry come and talk about their experiences in both colleges and workplaces. Additionally, the class ENGR 96C - Introduction to Engineering Design: Internet of Things provides me with opportunities to do hands-on projects on different sensors as well as gain knowledge about coding. I'm also excited about participating in IEEE Open Project Space, in which I can do basic circuit projects and build foundations for my future study in this field. I wish to pursue a job in sensors systems and circuits.

Outside of classes, I love painting, cooking, playing tennis, and volunteering. I also love exploring delicious food with my friends around the school area.