

Siddhi Upadhyaya

School: Cal Poly
Major: Electrical Engineering
Entering: Junior year
Internship: Engineering



What projects are you currently working on?

I am currently working on creating an AutoCAD tool palette for electric design drawings. This involves creating custom blocks and adding features to make them as user friendly as possible. I also created a key sketch for the North Complex Fire work and helped with voltage drop calculations for a mobile home park project.

What skills /experience do you hope to gain by the end of this internship?

By the end of this internship, I hope to learn more about the design considerations of pole replacement and moving overhead lines underground. I also hope to learn more about using O-Calc.

What is something new you have learned so far?

One of the main things I learned was how to use AutoCAD for electric drawings. I have also had opportunities to understand the utility industry and the direct impact it has on people.

What are your goals after this internship and how did it help?

My goal after this internship is to do more work on power systems and automation. This internship taught me how to navigate an online work environment and understand the industry better as a whole. I appreciate the Mini MBA Program, which helped me learn more about the business aspects of engineering projects.