



Vy Vu

School: Cal Poly
Major: Civil Engineering
Entering: Senior year
Internship: Operations



What projects are you currently working on?

I'm working on constructing a gas details catalogue and figuring out how to integrate that into tool palettes for the Engineering team to use in everyday gas designs. I meet weekly with Ben Fromuth, a gas designer, to map out the process and receive constructive feedback on my work. One other project I've been working on is the first baseline analysis report of the company's carbon footprint. I gathered the water and electricity usage for the analysis and contributed to writing the report with the sustainability team. I'm also working with safety and operations to create an impact versus frequency map for field operations to compare what activities people think pose the highest risk versus what they are.

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

I hope to become more efficient with how I manage my time and work with others by being involved in a variety collaborative projects. I also want to gain more confidence in voicing my ideas in groups and be able to deliver my points across as clearly as possible.

What is something new you have learned?

I've enjoyed learning about project life cycle and how each department contributes to make projects go smoothly. I've talked to the project manager, scheduler construction manager, field engineer, procurement, safety, design, operations and more to get a comprehensive view of how a project comes together. As a civil engineering student, I'm very fascinated by underground utilities since I've been exposed to more vertical structures in my studies. I've learned about cross bore, utility markings, TtM and BtM jobs during site visits. Watching the ABD team do directional drilling is one of my favorite experiences at Charge.

What are your goals after this internship ?

After this internship, I plan to declare my concentration in civil engineering as general. This internship has helped me to realize that a degree won't lead you to a straight path. I was worried about what concentration I should be going into as a senior and after talking to some folks here at Charge, I realize that there are different routes you can take and there is no one concrete path. Therefore, I want to look at general engineering firms after my graduation and get involved in different disciplines before settling with one.