Describe your overall duties/responsibilities as a Senior Engineer:

I am a part of project teams that provide structural engineering design for buildings. My project types and duties vary, from new buildings, to renovation projects, in both steel and concrete. I am often coordinating with the architect, mechanical engineer, and other trades to provide structural designs that work for our project. Some of my typical duties involve structural analysis, design, and producing drawings. As projects move into construction administration, I review RFIs and shop drawings, and on occasion visit the project site.

What advice would you give to students who are considering majoring in Civil Engineering?

Some of the most important classes I took were some of the early classes that cover engineering principles like statics, and mechanics. These build the basics that you will carry through every class, and into your job, so make sure you spend the time to understand what is taught in these classes now as it will help you be a better engineer in the long run. There are so many opportunities within engineering, and getting experience in college through internships and other programs is very important. The first internship is always the toughest to land, but trying to do one early in your career will give you the opportunity to try a few different areas.