Watching my boss click on different parameters within the aerial view simulation, I am fascinated by how such small changes can impact the pathway a truck driver must use in order to refill at a diesel refueling station. While making improvements on an industrial private property project the firm had the chance to move the diesel refueling pump to a more efficient location. As an intern for the engineering firm, I have been sitting in on numerous long meetings to learn more about this project and how eliminating extra turns will help make the drivers' experience easier and address their complaints.

This internship working in document control has allowed me to learn just how much different types of engineers work together every day to solve real world problems. Also, I have had the chance to learn from and listen to engineers in different fields such as structural engineers, transportation engineers, and wastewater engineers. I am personally responsible for dealing with the dead and live files at the firm. I create folders and scan in plans and papers so that the workers can find their documents in the firm's vault of projects.

While growing up I remember begging my parents to take me to work with them so I could see what they did every day. When I was nine years old, my dad finally agreed to take me to his work. I was beyond excited and spent an hour picking out the perfect business outfit. That day, I got to see what it was like to be a civil engineer. From that moment on, I knew what I wanted to work toward becoming. Throughout my childhood, I can remember going to engineering nights with my family and making a tower out of spaghetti, assembling Lego robots, and designing marshmallow launchers out of popsicle sticks.

In high school, I took AP Physics, and we did a lot of hands-on labs that really put the lessons we were learning into real-life scenarios. One of the labs that I especially enjoyed was the rocket lab where we went on the football field and shot rockets to different heights predicting the effects of different propulsion forces on each rocket's flying distance. For another lab, we calculated the circular motion of a flying pig. At the end of the semester, I was awarded an award for receiving the highest grade in the department.

I really like the design aspect of engineering, especially seeing it all come together when everyone is working on pieces; the final product from the design is very rewarding and when the team collaborates together it feels like a win for everyone. At tennis and dance teamwork is very important if I want to see the results that I strive to have. I love being a part of a team and having people who I can cheer on or cheer up depending on the outcome. Being there for my teammates is very important because we all encourage each other to solve the problem and try again. Perhaps that's why I want to be an engineer: the perfect collaboration of working with a group on projects but also working independently on my part and using creativity to solve a problem to improve my community.