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Cyber Internship

Reflection 2

This was my second week of my 8 week Internship. This week I started to do actual work and work collaboratively with a lot of my co-workers on projects. We have been making steps in our EHS insight work for our work observations forums and a lot of our maintenance and safety forums. Something new my internship did which they have done before is make it a goal for us to go to every terminal associated with the Port of Virginia. So far I went to 6 out of 7 of the terminals and this week my supervisor and another intern and I took a trip down to Richmond to see and do work at the Richmond terminal. This was both a fun and educational experience. My supervisor Billy took us there where I met the head of that terminal and she gave us a short tour around the terminal before we started our expectation. We went there for three reasons-one was to see the terminal,two to do a safety expectation, and three for me to start helping and teaching how to use our EHS insight system. After this tour we went around the terminal and check the maintenance shops and other departments to make sure everything was following OSHA regulations- we made sure all the chemical containers were labeled and kept on a dripping pan,checked for oil spills under machines, made sure every building had its safety features like a fire extinguisher and sprinklers.

This part was easy just checking marking boxes and sending pictures, but it was a little hard trying to explain how to use EHS Insight because we are still developing and making adjustments daily. It took some time but I think the employees did get a grasp of

how to use it, but they will not be using this system yet until we are completely done.

Going on this trip made me realize sadly that even though I am from Richmond and my parents are there I couldn't work at the terminal. They are not as active as the main terminals and considerably smaller in size, they usually have about 6-8 people working in the office at the time. The office was also former military so the buildings are all old and rusty and they do not have good Ac or a sustainable environment for me. While on this trip there is a story about an old building in the terminal that is barely used because it is filled with pigeons and it makes the workers uncomfortable. I went to that building to confirm the rumors and I wish I didn't when we first walked in we saw an owl ritual pendant hanging in front of the gate and when we walked in we just saw birds flying around and sitting on the equipment, it was strange to see but I understand now why no mechanics want to stay in there.

I am usually in the office but in my second week I was in the cybersecurity department too. It was great I got a better understanding of daily practices and how they are the only ones who use two servers in the whole company to keep everyone safe. I was overwhelmed with this space and the knowledge I gained. The department head was telling me information I learned so when I graduate next year I can apply for the job and instantly get accepted. They use green servers to do their normal activities but when it comes to hacks or practice hacks they switch to their red server which is not connected to any system in the company besides theirs. It is also amazing how they have a conference room inside that was made for the situation of facing hacks. They have a glass wall in the room that looks into the cybersecurity main office and the glass room is also sound proof-they even have their own two step verification just to get into

the department from which only certain people have access to. I am excited for my life after college. I got to see my first password decryption device which was amazing and I was told that he wants me to come back after I graduate and he also informed me that the Port also pays for graduate school.



