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Cyber Internship

### **Reflection 6**

In my Internship this week I focused mostly on EHS while working on possibly gaining a job from the Port of Virginia during my fall semester. I discussed the details with my VP who wants to keep me on, and he was very adamant about me doing well in my final presentation for my internship which will be at Norfolk World trade center and it will be viewed by all the executives and CEOs, COOs, and etc. He told me that since I have already been getting good feedback from other departments I have been helping, if my presentation exceeds everyone else's it will give him more leverage with the company so he can request I work there for a preliminary time of 6 months. This is necessary because I have been working on their new EHS software and I have been getting trained as the coach, so when we officially realize the software they will need more people to train the workers.

Although we delayed the live version of EHS we are still on track to giving certain workers access to the system so they can use it as a trial. Doing this will give us feedback on if there are any issues in the server that we need to fix in the sandbox or if we can proceed smoothly. So far it has been running smoothly, the data is synthesizing well and the sandbox site is keeping up with this, while also becoming our main platform we plan on using to fix bugs or provide updates for the system. So far the only people to have been added to the software beside

our department has been Operations, Crane Maintenance, ALM workers, and the directors. We picked the departments who would use this system the most in a month.

Besides our testing for EHS insight this week has also been very informative for me. We are starting our interior training in our department, for the best methods to teach others how to use the system. Next week we are planning to separate into teams of two and visit the different terminals in order to teach lessons on the operating system. We have 4 main terminals in Norfolk which we plan on visiting starting on the 15th. The 4 terminals are VIG (Virginia International Gateway), NIT (Norfolk international Terminal), POCT (Portsmouth central Terminal, and FSC (Financial Services Center)- although the following week they plan on visiting the last 2 terminals which are not in Norfolk. One of the terminals is located in Richmond and the other is located in Northern Virginia. I was supposed to visit those terminals too but that week is my last week of my internship so I have mock presentations all week before my final presentation.

My favorite activity I did this week was using the Crane Simulators. This was very funny and honestly a good experience. I got a first hand experience on the types of conditions crane operators have to go through- like catching the moment when the wind is blowing heavily affecting the crane's momentum. The simulator was very cool. It could change the climate and time of the task - it went like you were truly sitting inside the cockpit because you can see the ground underneath you and the sides of the crane. They also had a hustler simulator there which was actually hard to use. With the hustlers the cockpit is on the side of the machine and the way you drive is inverse to a normal car. I had fun on the simulator but I was very annoyed because I kept going in a circle and struggling to finish the training task. While being in this room I couldn't stop thinking about all the technology that was used and what type of circuits could be compromised into these simulators.





