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Reflection Paper #2

In these 50 hours, we have covered a lot more ground. First, we contacted local businesses and informed them about this program/top ten list from Valor Cybersecurity. Going out and talking to all the small companies builds confidence in yourself. You have to understand and be able to explain different cybersecurity topics to a wide range of people. I improved in explaining cybersecurity topics and how they applied to them.

In addition, learning about the Valor Cybersecurity Top 10 has helped me understand what small businesses need to watch out for. It gives them guidelines for improving their cybersecurity hygiene, which is very important in today's world because one attack can put them under.

Furthermore, we met with our companies and started working on completing the assessment. I have been learning about Tenable and reading through its global vulnerabilities. Moreover, I ran my first-ever vulnerability scan on a target. Tenable simplifies vulnerability assessments compared to running Nmap scans, reducing the need to research software version numbers for vulnerabilities. Moreover, it is a tool for identifying vulnerabilities, ensuring compliance, and maintaining network security with different plug-ins and modules.

We have also begun writing our report. I have been working on the introduction. Once we meet with the city workers on October 30th, I will also work on the vulnerability and recommendation part.

Overall, learning Tenable, visiting different small businesses, and working with Valor Cybersecurity have opened my eyes to various aspects of cybersecurity I thought I would never see. I now have tools that would cost thousands of dollars in licensing. Hopefully, at the end of this internship, I can use these newfound skills and apply them to other opportunities.