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CYSE 368

Reflection #3

### Internship Reflection 3

In the third 50 hours of my internship, I have continued to advance the scanning program I created at the beginning of my internship. This program, essential for our cybersecurity efforts, archives scans by month. With July now underway, I have initiated the July scans, ensuring our records remain current and comprehensive. This ongoing process is critical for identifying potential vulnerabilities and maintaining our security posture.

Additionally, I have started collaborating closely with the networking team. They introduced me to Cisco Meraki, a powerful tool for network management and security. Getting hands-on experience with Meraki has been enlightening; it allows for efficient monitoring and control of network devices, which is pivotal for ensuring robust security protocols. Alongside Meraki, I have been utilizing ConnectSecure to generate detailed graphs and insights. These tools collectively provide a comprehensive view of network activity, helping to identify and address security threats proactively.

To effectively communicate our efforts and results to clients, I have created a PowerPoint presentation. This presentation showcases how our network security measures are effectively blocking unauthorized users and protecting client networks. By visualizing the data through graphs and insights generated via Meraki and ConnectSecure, I can clearly demonstrate the efficacy of our security strategies. This not only helps clients understand the importance of our

work but also reassures them of the safety of their networks. Overall, this period has been highly productive, enhancing my technical skills and my ability to present complex security information in an accessible format. These experiences have been invaluable in broadening my understanding of network security and client communication.