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CYSE 368

Reflection #2

Internship Reflection 2

In the second 50 hours of my internship, I continued the scanning program that I had initiated during the first 50 hours. Through this program, I discovered a vulnerability in one of our websites, specifically an open port 21. Recognizing the potential security risk, I quickly contacted the support team responsible for the server hosting our website and successfully had the port closed to enhance our security posture. This experience taught me the importance of swift action in cybersecurity.

During this period, I also sought opportunities to broaden my experience by meeting with various managers. I had an insightful meeting with the Networking Manager, who provided an introduction to the networking side of operations and explained how the Network Operations Center (NOC) functions. This session was incredibly informative, as I learned about network monitoring, incident response, and the tools used to maintain network integrity. Additionally, I met with the Cloud Director, who oversees all our Microsoft products. His previous experience working at Microsoft offered valuable insights into cloud and enterprise solutions, making the session particularly engaging and educational. Learning about cloud architecture, migration strategies, and security considerations in the cloud environment was particularly enlightening.

Lastly, I assisted our Security Director with third-party security questionnaires for our different vendors. Although this task was less technical, it was necessary in ensuring that our

third-party partners maintain good security measures. The Security Director emphasized the importance of this aspect in our overall security strategy. Through this task, I gained a deeper understanding of the due diligence required in vendor management and the importance of ensuring that all partners adhere to our security standards.

These experiences not only enhanced my technical skills but also provided me with a broader understanding of the operational and strategic aspects of IT and cybersecurity. The opportunity to interact with experienced professionals and learn from their insights has been invaluable in my professional development. I feel more confident in my ability to identify and mitigate security risks and am eager to continue expanding my knowledge and skills in this field.