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CYSE 368

Cybersecurity Internship

March 24, 2025

Reflective Journal #5

This reflective journal marks the fifth 50-hour period of work I have completed under the context of the CYSE368 Cybersecurity Internship course. The focus of this segment of time exhibited a stronger focus on proactive integrity/availability measures and education.

In this period, we noticed a spike in specific devices experiencing issues which threatened the integrity and availability of the respective stations. We realized that many of these devices have a specific component that simply is not of good quality. After we noticed that these devices all had a common denominator, we began researching to determine what other devices in the environment might be affected. Thankfully, our tools and documentation were more than satisfactory in this search, and allowed us to generate a report detailing the affected devices. I spent many hours proactively replacing these components to ensure that our client's data remained intact and accessible.

I also took advantage of this period of time to take my CompTIA Security+ certification. In my (albeit minimal) free-time at work, I would take Security+ practice exams and study the objectives as they correspond with my duties and responsibilities at work. I found this method to be incredibly effective in preparing me for the Security+ Exam. As of March 12, 2025, I have officially been recognized as CompTIA Security+ certified. This experience has also furthered my understanding of my goals and interests, and will be incredibly helpful in refining the pathway in which I wish to take.

In essence, this 50-hour segment of work under the context of the CYSE368 Cybersecurity Internship course has been incredibly valuable towards both my education and career. I strengthened my skills as they pertain to proactive maintenance, and further articulated my capabilities through the CompTIA Security+ certification.