

Atticus Emilsson

CYSE 368

Cybersecurity Internship

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Reflective Journal #4

This reflective journal marks the fourth 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 endpoint security analysis and response.

This period involved the identification of effective endpoint security controls (both technical and operational in nature). I leveraged the information I learned during the previous 50-hours as it relates to Active Directory and the Windows operating environments, where I analyzed in-place security controls on users, groups, and computers within the domain. This was in effort to further familiarize myself with this specific client's security control implementations and overall cybersecurity posture, whilst simultaneously improving my abilities within Active Directory. I was able to use this information accordingly, to prepare myself for any potential incidents which may arise. This is incredibly valuable considering I joined the company after these controls had already been implemented. There is sufficient documentation of the controls; however, I found hands-on exploration to be much more effective.

During this time, I also performed exploratory analysis of other client's network landscape and security posture. As I iterated through each client, I organized and refactored the preexisting

documentation. This makes troubleshooting much easier, and expedites the speeds at which we can effectively respond to security incidents.

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 Active Directory, and improved our preexisting documentation to better respond to incidents.