Shawn Conboy

Professor Watkins

CPT 282 A03N Information Security Systems

25 August 2025

Case Project One

This case project revolves around two videos that I’ve picked pertaining to computer security. The first video I’ve chosen, “A REAL Day in the life in Cybersecurity” posted by a channel with the name “Tech with Jono” is a very clear and to the point video about a true day in the life as a systems security analyst. For credibility, Jono tells viewers that he’s in his second year as an security analyst.

Many “Day in the life” videos have a lot of random daily tasks that people from all walks of life do, like showering, cooking, and going to the gym. This video was not like that at all. This video truly showcased what Juno does at his job.

Starting with checking his calendar, which was filled heavily, he logs in and uses an application called Splunk. From what was shown, Splunk is a software that is used to log all company communications and you’re able to create macros that filter potential threats. Jono found an flagged email in the company system and broke down exactly why it was flagged and showed the URL being placed into a scanner called VirusTotal. It was indeed malicious and he followed protocols to block further communication from that sender.

Jono’s representation of a day in the life of a security analyst was informative, very well put together, and easy to digest. For someone who knows nothing about information security, I can easily see a boring review of this, but for those interested in this field, this was a great opportunity to get a peak into what the job truly consist of.

The second video I’ve chosen is posted by Microsoft and it explains how their Microsoft Defender XDR software works. It shows topical breakdowns of network systems and how threat actors get blocked and shutdown using built in AI threat intelligence from various origination points.

Defender XDR utilizes a four part process to stop disruptive attacks. Starting with detection, then classifying the attack to pinpoint the intent, which helps to predict the attackers next move, and finally blocking that next access point to stop the attacker from being able to move any further.

I enjoyed the first video more. It felt more personable. The second video seemed to be more of a breakdown meant to be shown to businesses as a means to sell them on the use of Microsoft Defender XDR. Both videos were informative and I was able to walk away with more knowledge than I started with.

Works Cited

Madakor, Josh. “A REAL Day in the Life in Cybersecurity in Under 10 Minutes!” YouTube, uploaded by Josh Madakor – Tech, Education, Career, 3 Feb. 2023, [www.youtube.com/watch?v=dUjNVzzqTiA](http://www.youtube.com/watch?v=dUjNVzzqTiA).

“Automatic attack disruption in Microsoft Defender XDR.” YouTube, uploaded by Microsoft, 2023, [www.youtube.com/watch?v=Hv1jTgBgs6Y](http://www.youtube.com/watch?v=Hv1jTgBgs6Y)