



Identify the 3 most intellectually interesting things you learned in this course. Why did you choose these 3?

1. Exploring Reverse Engineering with Ghidra and IDA: Understanding how programs and malware works and dissecting its inner workings felt like being a detective, piecing together clues and unraveling mysteries.
2. Learning Python Scripting: I did know how to program in python, so then having the opportunity to learn this language was very cool.
3. Learning how to perform buffer overflow attack: Getting to learn with memory manipulation and exploiting these vulnerabilities gave me a deeper understanding of cybersecurity risks and how to defend against them, making me better equipped to protect systems from malicious attacks.

Identify the 3 most professionally useful things you learned in this course. Why did you choose these 3?

1. Learning how to use IDA, because IDA is very expensive, and the fact that we had the opportunity to learn how to use it without paying a single penny is very nice.
2. To familiarize ourselves with Cybersecurity Tools and Techniques, such as Wireshark, Procmon, Fakenet, and sandbox environments enhances our ability to detect, analyze, and respond to security incidents.
3. Understanding Malware Behavior and Analysis Techniques, analyzing malware samples helps in developing defense strategies, creating signatures for detection systems, and understanding new threats in the cybersecurity world.