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CYSE 368

Reflection Paper 1:

I am currently an intern at Sterile Geeks VR. As this is my first experience trip around cybersecurity me and 2 others were put into the security portion of this internship. We started off with a brief meeting on what we will be doing and how long it will be. We were assigned to create a technical blueprint on a security system for a mixed reality system. Some goals and objectives were ensuring that the CIA Triad (Confidentiality, Integrity, Availability) is being upheld to keep everything safe and secure while accessing highly sensitive data such as patient information or personal identifiers. Also, Emphasize the importance of cybersecurity and user engagement when interacting with VR headsets. While going through the first 50 hours and a ton of research, we started to develop many sections that would go into our role. Such as Privacy and Data Security, Technical Skills and Tools, Specifics of Authentication Options, VR/MR Specifics/Features, etc. Those things need to be very detailed in order for the assignment to be successful. We are continuously adding more and more details everyday to ensure we are covering a ton of grounds that need to be met. The technical blueprint is just getting started and it looks like a lot has already been done. As we continue on to this next week, I am very excited to learn the coding section of things and what other details that may benefit to the assignment. This covers everything we did for the first 50 hours. Down below are some sources used to gain information for the technical blueprint that is being done.

https://cloudian.com/guides/data-protection/data-encryption-the-ultimate-guide/#:~:text=Data%20encryption%20is%20a%20security,information%20is%20known%20as%20cryptography.

https://www.techtarget.com/searchsecurity/definition/authentication-server

https://www.onelogin.com/learn/what-is-mfa