

Internship Reflection #1

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Objectives

Our objectives during the first 50 hours of the internship were defined by the members of my team and our employer as “To develop a cybersecurity infrastructure within a VR headset system called SirVRs (Security Integrated Real-Time Virtual Reality System), and to ensure 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.”

Tasks

To reach the objectives outlined in the beginning, my teammates and I were tasked with created a technical cybersecurity blueprint. During the first 50 hours of the internship, we mainly worked on gathering information on what hardware and software would be needed for the base security system. I was working in a team of three, with two other students at ODU, so we agreed to do as much research as we could I our own time and meet up twice a week to discuss the direction we were going in, prior to our weekly Saturday meetings with our supervisor. After compiling research on what components need to go into the blueprint, we began to start researching what software and hardware would be needed to create our security platform. I tasked myself with looking on various drop selling websites to find hardware components for our system. For example, one of the security components requested was retina verification, so I included a link to an external website where the retina camera needed could be found and included the price and why it was needed.

Conclusion

Overall, the first 50 hours of the internship mainly consisted of meeting with our supervisors to lay out objectives and then led into my team being tasked on our own to do needed research to begin building our blueprint for the security system.