

Justin Daniel Robinson
Cybersecurity Internship

Reflection Paper 2

During my internship at Old Dominion University's Network Services Group, I've had the opportunity to dive deeper into the university's monitoring systems, and it has been an eye-opening experience. Recently, I gained valuable insights into how these systems work, particularly the use of security cameras across campus. One of the most significant experiences I had was being able to contribute to enhancing the surveillance system at S.B. Ballard Stadium, where the university identified a gap in visibility during football games.

Being out in the field to install a new camera in this area was a hands-on experience that brought a lot of my classroom learning to life. It was fascinating to see how a well-placed camera could dramatically improve the coverage of a high-traffic area, ensuring the safety and security of attendees. I think what struck me the most was seeing firsthand how far technology has advanced in terms of monitoring and surveillance. The ability to give a command like "find the person in the red shirt and blue jeans" and have the camera lock onto that person was something I found incredibly cool. It highlighted how much smarter and more efficient security systems have become with the use of AI and advanced software. Not to mention these cameras cost upwards of ten thousand dollars.

This experience also instilled in me the importance of understanding that someone is always watching. As cybersecurity professionals, we are not just tasked with monitoring systems, but also ensuring that these systems are used responsibly and ethically. The technology I worked with at ODU is a powerful tool designed to protect everyone attending these large events, and

being part of that process was a rewarding experience. It made me realize how crucial cybersecurity is in the broader context of public safety and event security.

What stands out to me is that while thousands of people are out enjoying the game and having fun, there is a whole network of systems and professionals working diligently behind the scenes to make sure things run smoothly. It's easy to forget this as a casual attendee, but as someone who has now had a hand in maintaining these systems, I see the bigger picture. Ensuring the safety of large gatherings requires careful planning, cutting-edge technology, and constant vigilance, all of which come together in the field of cybersecurity.

Overall, this experience has reinforced my desire to continue pursuing a career in this field, knowing that the work I do can have a direct impact on the safety and security of others. I'm grateful for the opportunity to work with the advanced technologies at ODU, and I look forward to applying what I've learned in my future endeavors.