

ABSTRACT

This reflective essay will briefly discuss some of the skills I have developed throughout my academic career at Old Dominion University. Portfolios are a way for an individual to showcase some of the work they have collected over time to showcase their skill set. In the world of cybersecurity there are numerous threats that civilians, businesses, and even the government must face in order to protect information that can be used to harm them. Development of critical thinking skills, technical skills, and communication skills are essential tools to obtain when working in the world of cybersecurity.

WRITING/COMMUNICATION SKILLS

Cyber Fundamentals Project

This was my final project in the course Cyber fundamental (CS 462) and it was discussing spyware known as “Pegasus” and how it was possibly being used to target others. Pegasus is spyware technology that will be given a designated target to infiltrate and upon activation allow all possible forms of data to be collected from cell phones. The technology is highly advanced with a multitude of capabilities that could be easily weaponized. I did thorough research to find solutions to the problem such as an advanced AI system that can be developed for not only combating Pegasus but other forms of cyber attacks as well. Along with the AI system, I also argued that there were other solutions that can be taken to defend against surveillance abuse by having the government enforce a number of rules and regulations.

Topics in Cybersecurity or Political Science (Human Factors and Policy Management in Cybersecurity)

This was my final project for the course Topics in Cybersecurity or Political Science (Human Factors and Policy Management in Cybersecurity) (CYSE 495) and it discussed how proper cyber training and awareness are necessary to defend against potential threats not only as an individual but, also as a business corporation. I divided my paper into a section discussing the negative effect it has on civilians of all ages and organizations then, I presented each with possible solutions to negate those effects.

Internship/ Mentorship

This was the reflective essay on my mentorship program while in the Cybersecurity department of ODU for the Internship Course (CYSE 368). I was unfortunate to not find an

internship but locating a mentorship program also presented benefits. I was able to further develop soft skills such as adaptability, time management, communication, interpersonal skills, problem solving, critical thinking, creativity, and attention to detail. These skills are all essential in any work setting for a successful career as these soft skills will be used continuously whether working alone or in a group and having these skills develop will only increase work efficiency.