

# **Reflection Paper 1**

**William Xue**

**Old Dominion University School of Cybersecurity**

**CYSE 368: Cybersecurity Internship**

**Professor: Teresa Duvall**

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## Reflection Paper 1

When I start to reflect on my time in the CYSE 368 with Professor Duvall, Mr. Greg Tomchick, Dr. Sanzo, Ms. Beth Vinson, Dr Gwen Moss, I am roughly 50 hours working on this program. At the beginning of this internship program, Professor Duvall briefly introduced this pilot program for Cybersecurity Major at Old Dominion University. Meanwhile, Professor Duvall introduced us to the concept of Risk management framework in NIST(National Institute of Standards and Technology), for example, the cybersecurity framework: identity, protect, detect, respond, and recover(NIST Cybersecurity Framework Version 1.1). Dr. Sanzo's lecture is impressive. She brought us the concept of design thinking. She taught us how to use design thinking to figure out problems in the real world and showed us examples of design thinking. She also asked us to work as a team to solve the problem about classroom 2107 by using design thinking. And we all did very well.

We are all excited about meeting with Ms. Vinson, the CEO of Origami Software Solutions after we achieved design thinking skills. During the meeting with Ms. Vinson, each of us asked a couple of questions through design thinking way and she answered us one by one. Through the conversation, we found that her company currently does not have a data loss prevention program or mobile device management yet. Those are potential risks in Origami if they do not take any preventive action. We all learned a lot about real-world cybersecurity during the meeting with Ms. Vinson. Mr. Greg Tomchick brought us to the real cyber world, he taught us the cyber-related cases of cyber assessment and how to communicate with customers and generate a cybersecurity assessment report. This is a great opportunity to use theoretical

knowledge to help merchants evaluate and improve cybersecurity concerns in real-world situations.

Overall, I strengthened my knowledge of cybersecurity and practiced in the digital world. I really appreciated what all faculties did, and the opportunity brought us.

## Reference

NIST(April 16, 2018). NIST Cybersecurity Framework Version 1.1