

Network And System Security – Reflection- Week 01

Key Learning Outcomes

Understanding the CIA Triad in Practice

This week was mainly focused on the CIA Triad (Confidentiality, Integrity, Availability). I have learnt that this is best understood through real-world application, given that in most security breaches, more than one of these elements is violated, not just one

Real-World Context of Security Threats

From researching and examining modern cybersecurity threats, I have gained greater insight into how these attacks are carried out and how they are now becoming increasingly diverse and sophisticated. Now, with supply chain attacks being especially widespread and damaging risks that impact so many organisations.

Career Preparation and Skills Assessment

Researching real job listings, particularly in cybersecurity, has helped me identify the specific skills that employers look for and value in a candidate. This allows me to focus my efforts on building a portfolio that is intentional and demonstrates competence in those areas

Security Design Thinking

Through the group discussions, I developed a better appreciation for how security professionals must think critically about threats, impacts, and defences. Learning to justify my analysis and consider both primary and secondary impacts improved my analytical approach to security scenarios.

Moving Forward

This workshop has given me a practical foundation for approaching security problems systematically and has clarified the skills I need to develop if I choose a career path in cybersecurity.