

Internship at NASA Administration Week 1 Report

Bridgette Chapman

Internship

ODU

07/06/2024

Internship at NASA Administration Week 1 Report

This paper outlines some of my activities as an intern at NASA during my first week, which included training, practical IT work, and the first configuration of instruments.

Figure 1.

Structure of the acknowledged NASA meatball logo built outside the main entrance of NASA's Langley Research Center.



During Day 1 at the workplace, I got my log-in credentials and received HR training, such as the Cyber Insider Threat for NASA's Safety Month. Day 2 consisted of other training and getting my laptop. I fixed a printer problem by resetting the subnet and did vulnerability and systems backup scans in the NTF building. On Day 3, I utilized a Nessus scan for vulnerability and patching.

On day 4, at TDT, four different subnet problems were solved: new GDS from scratch with OS, COTS and TDT-specific software, computer security configurations and settings. On Day 5, the new GDS computer was connected to the network, a Nessus scan was requested, and results checked where high-risk vulnerabilities were addressed.

Reflection

Overall, this week has established a good understanding of the environment that NASA operates in and a brief look at its IT supporting structure. Especially in establishing a connection with the printer and diagnosing network problems, I used practical methods from cybersecurity. Creating a computer from the essential components made it an achievement, especially in expanding my knowledge in IT skills and security settings. It reinforced the concept of being very careful with our systems and minimizing any issues that could arise to develop and sustain safe and effective systems.

I look forward to expanding my learning objectives, especially regarding the safety and risks of networks.