Journal Entry #7

November 15, 2021

How do engineers make cyber networks safer?

Flawed software leads to networks being exposed to malware and viruses. A security engineer is responsible for analyzing these systems and ensures that they are running smooth and most importantly securely. The design these systems with the intent of dealing with disturbances like cyber-attacks. In order to ensure systems are safe, engineers can perform penetration tests to provide information on said systems. They then can offer solutions to make the system safer and implement them. These engineers also troubleshoot systems, identify unauthorized access and basically monitor the networks. Engineers are responsible for collaborating with other departments to ensure safe networks.