Journal Entry #1

Why are you interested in cybersecurity technology?

My interest in cybersecurity technology stems from the allure of working in a chaotic environment and the challenge to outwit unwanted elements from infiltrating systems. The cyber realm is a battleground riddled with all types of thieves driven by the need to steal whatever they can get which can include wealth, intellectual property, or even technology. There are even other types of criminals that simply want to cause chaos through sabotage software programs written to destroy or partially damage computer hardware. For example, if criminals were to get access to the BIOS it would permit these individuals to mess with the processor voltage settings, or make the fans spin faster than its limits with the intent to break or destroy. With the plethora of daily stories which illuminate on the horrors these criminals execute in cyber space, I strongly believe the World Wide Web (WWW) is the new Wild West of sorts. Cyber-criminals have the edge because of the absence of ethics, no fear of repercussions, or lack of law enforcement to detect the activity and hold people accountable. If you ponder on it for a minute, you could easily conclude that this situation is simply the age-old story of good (cyber guy) fighting against evil (the criminal element). Cyber space is and will always be a constant challenge to tame because of the myriad of new and emerging threats always changing and shaping the battlefield. I enjoy that this field will continually challenge me to solve security flaws through analysis, allow the planning and implementation of defensive measures, or even the prospect to take the fight to the perpetrators through offensive measures just to name a few examples. What is not to like about this field? The opportunities for anyone to make a positive impact are endless.