My Career Goal in Cybersecurity

When I was in high school, someone sent me an email to inform me that my QQ (an instant chat app in China) password was leaked and a link to change the password. I followed the link and changed the password, but then my password was stolen. Now I can easily realize that that was a typical social engineering scam because I am a cybersecurity major student. Cybersecurity is about being able to protect your private information and it can protect the company's as well. I am planning to earn my Bachelor's degree in Cybersecurity from Old Dominion University and my Master's degree in Cybersecurity from Old Dominion University or Georgia Tech. I want to start my career as a system administrator and then move to cyber security analyst and finally choose cloud architecture security professional. I hope I can find a job in the Hampton Road area to start my career and I will move to work with Giant Technology company when I accumulated experiences, such as Amazon, Microsoft, Google, and Apple.

There are several reasons I chose this career path. First of all, the technology field always inspires me in various departments, especially in cyber warfare and cybersecurity field. I will be knowledgeable after four years of study at Old Dominion University. I will inquire how Cloud/Network Architecture was designed, and/or related concepts; how cyber criminals intercept packets during network communications; what factors motivated hackers to commit cybercrimes; why employees still lack vigilance even cybersecurity awareness training is executed. As Anderson stated Archival Science's approach is integrated, interdisciplinary, and intercultural. Its scope encompasses the entire field of recorded process-related information, analyzed in terms of form, structure, and context. To be a system administrator in a firm, I should know how to use archival research to develop, edit, test, and document all policies. Also,

I should obey parsimony which is one of the principles of social science. I should make the policies easy to understand and follow.

Additionally, I should be familiar with the Risk Management Framework and NIST 800 Series. That is not sufficient to protect cyberspace. We should know that human factors are the leading causes to bring of significant cybersecurity incidents. According to Kaspersky, careless/ uniformed staff have contributed to 46% of cybersecurity incidents of the attacks. So, we should reinforce our employee's cybersecurity awareness and keep good work behaviors in our daily routines.

Finally, I want to be a cloud security architecture professional. Cloud is an emerging concept to us. Currently, the cloud can include almost all the network services, such as SaaS, PaaS, and IaaS. As Ohri (2021) mentioned that cloud technology put the services and data information virtually, so data can be accessed anytime and anywhere. This centralized management can reduce costs and enhance cybersecurity. Also, to society, cloud technology reduces the chance that people contact the real equipment environment and avoid the physical cybersecurity risk. As a cloud professional, I should be knowledgeable in the cloud field and be able to introduce the technology to others.

After graduating, I hope that I can one day my career in the cybersecurity field where I can help organizations to improve their cybersecurity awareness, enhance network infrastructure, reduce the vulnerabilities of all facets, and mitigate potential attacks. All this can be done with my passion, potential, and knowledge from school to push me further.

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