What Have I Learned While Studying Cyber Security?

By Evan Hack

Discuss one challenge you overcame during your academic development. What was the challenge, was it technical, nontechnical, or both, and how did you overcome it?

The largest nontechnical challenge that I overcame was knowing how to plan ahead and execute my plans involving work. I overcame this by creating a planner that helps me stay focused on all my tasks and finish them in a timely manner. By overcoming this obstacle I was able to develop a better workflow and way of thinking when faced with challenges. I am now able to keep level-headed and focused on my work.

Discuss a situation where you worked with a team. How would you describe yourself as a teammate? Where can you improve your team skills? Be specific.

One situation where I had to work with a team was when I had to create a program with my classmates that would help a person's daily life. As a team mate I am focused on doing my part of the work and helping my teammates if needed. I could improve my team skills by communicating more than I do already. As of now I make I sure to help my teammates in any way that I can in order for us all to reach the end of the finish line. If there is anyone that is falling behind I always try my best to help catch them up and solve any problems they might encounter.

What type of career in CS do you believe you are most suited for? Why this field and not another? Be specific.

Anything that has to do with Vulnerability management or application security. I chose these two fields because I have a better understanding in both of them than I do with the other fields. I have a lot more fun finding vulnerabilities in a computer or network than I do preventing data loss. Not only do I enjoy and have a better understanding of the topic, but I also find it to be an extremely important process because it allows a reduction in possible attacks in an organizations IT system. I believe that without this career that the safety of organizations in todays world would be non-existent and many organizations would crumble.

What professional organizations would you like to join? What professional development would you like to be a part of in the next five years? Be specific and don't consider places of employment.

Heimdal Security because they have a large focus in protection, detection, and response when it comes to stopping or snuffing out vulnerabilities. I'd be interested in this company because their line of work is similar to what I want my future job to be. This organizations main focus is in preventing threat detection, vulnerability

management, access management, and antivirus and e-mail security. This means that this organization can help stop cyber attacks and keep any company assets or properties safe, so with this in mind I would want to work at Heimdal Secuirty or any other professional organizations similar.

What are the ways you can use the skills you have learned in CS to serve your community? Be specific.

The ways I can use my skill to serve the community would be skills that involve finding vulnerabilities in a computer or network and fixing them. By finding vulnerabilities in an organization I would be able to keep their company assets safe and intellectual property safe from people who would use it as ransom. I could also make sure that all important technology like computers or servers are made safe from the public so no one can break in and cause harm to the equipment.