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Cyber Security Internship

Journal 6

Even though this is the last set of 50 hours for the internship class, I still have 5 more weeks of the internship after this journal entry. So far through this internship, I have made great strides towards reaching the goals that I made. Not only have I achieved them; I am starting to grow a deeper knowledge within each of these goals. I have even achieved something that I was not expecting to do this summer. This week, I studied for a Microsoft certification called the AZ-900. This certification proves that I have a knowledge and understanding of the fundamentals in Microsoft Azure. I had studied long and hard for this exam since it was revealed that all interns and the rest of the employees were being given vouchers to take the exam for free.

Regarding the intern projects *LiveQueue* and *On-Call*, we have been nearing the end. After experiencing delays with LiveQueue due to other code changes by senior devs, we were able to our code to run alongside the other new features that they had implemented. Because of these delays, I have learned how to better debug my personal code as well as working with the intern team to make the bigger changes we needed to for our project. The *On-Call* project has been a pure learning experience. We have been working with an open-source platform so we have been going through thousands of lines of code to understand what everything does and how it is all connected. From there we have been making changes to suit CloudFit's needs

and wants as well as implementing single sign-on. Currently we are working on migrating this code base into a Kubernetes Cluster which has been tedious but an amazing learning experience. Even though this is the last journal entry. I will be sure to at least finish one of the intern projects before I submit my final essay so I can talk about the full project along with all of the learning experiences and how the team and I worked to bring one or both of the projects to life.