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Professor Karahan

Cyber Security Internship

Journal 1

The first week of my internship was used by CloudFit to give us a deeper and better understanding about how they started the company. Many of the founders, if not all of them, migrated from Microsoft to come together to create CloudFit Software. That is just a broad overview of the occurrence that took place, in reality it was much more complex and in depth than. Last summer, I completed my first internship with CloudFit as a Site Reliability Engineer. This summer, I am diving back into the same role. However, the projects that I am working on are much more in depth and need more technical skills than before. I need to learn how to code in the language C# and hopefully pick up as much other information as I can along the way this summer.

One thing that I really like about CloudFit Software is that they want you to thrive and grow your skills; each individual that works here, not just the interns. They are having us interns work on an automation project starting next week. Currently we are going through the initial onboarding steps. Near the end of the week on my first week, we started brainstorming for the project and came up with many ideas to help while also laying out the order of which we need to focus the specific steps to accomplish it. The automation project is called the *LiveQueue* and this is where we not only have to have code, but also come up with a strong and reliable mathematical equation for weighing specific variables. This *LiveQueue* is being used to sort

work items into the highest priority down through the lowest priority. Currently the work items have to be sorted by hand using an inconsistent method which sometimes allows work items that need to get done, slip through the cracks.

My goals after week one are to prepare myself for this project which will include coding which is also one of my primary learning objectives for this internship. Having developer skills is something that almost every position in cyber security calls for. As well as having strong networking skills which I hope to gain through talking with other employees at CloudFit. This company allows and encourages us to not just work on the project that they give us, but to also dive into the profession that we hope to have one day as well as developing the skills needed for those positions. Week one was a good kick off to the internship that has me extremely excited for this summer.