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Cyber Security Internship

### Journal 3

For the third set of my fifty hours, there have been great strides made in the intern project. The intern team and I have been making lots of changes based off of bugs we have found due within our code or from how our code has affected code that was already implemented before in the original codebase. I am continuing to gain more and more knowledge about C# and I have also taken a dive into another coding language which is used a lot in cybersecurity, python.

I have been learning more and more day by day which I have been really enjoying. The team is a very smart group of individuals and not only are we teaching each other skills that we have as individuals, but we are uplifting each other to try new things and to grow our skills all around. One of the other interns is very fluent in python and has taught me some of the basics which gave me a good boost. Now I am watching videos on my own to learn more in depth about it so that it will benefit me even more later on.

This past week we have figured out the algorithm and got it implemented into the code with all of its variables and weights. We also were given a crash course into Kubernetes which is used for containerization and serves many purposes. This will be extremely useful in the future and it is most definitely a skill and knowledge that I want to be acclimated to. After reaching 150 work hours, I can say that I have learned a lot within this short time frame and am

continuing to grow on my pre-internship goals and am continuing to learn things that I wasn't expecting to learn.