Reflection Paper 3

"The Last Stretch"

This internship flew by like a breeze. I was expecting something more stressful, but I was wrong. Nothing much occurred other than developing a website for fun. While it was not required, I went out of my way to create a website that help students learn the CMMC environment. As a student, I believe that learning should be fun and pique the curiosity of each student allowing them to further their knowledge through questions and interactions. I personally didn't come up with the ideas, I just made it happen. The ideas come from my supervisor, Koren, and fellow intern, Matthew.

At the moment of writing this reflection, I wrote two programs: index cards and jeopardy. The index card was an idea that was just out of the blue. Me and Matthew were talking about good ideas and the index cards were one of them. I said that it should be easy, I was wrong. I'll explain why but for now, I'll stick with the ideas and purpose. The idea of the purpose cards is to enable students to be familiar with the acronyms. There are tons of them to memorize. The people who have system administration-like jobs have no problem memorizing them because they are thrown around like it's nothing, they hear them all the time. For students like me who doesn't have a job and is not on the field, it's like a jargon. The jeopardy is like a quiz game. It is to test the knowledge of the taker. Sadly, unlike Jeopardy, it's only a single player game.

I utilized Javascript as the backbone of my apps, more specifically Nextjs with Typescript. I'm not gonna bore you with the details and specifications but I will tell you what I've learned. ChatGPT and Copilot are tools that should be utilized as a means to an end. It should not be relied upon when creating a full-fledge app. While those tools know a lot of things, it does not know what you want until you fully specify the needs of your program. The output should not be the very backbone of the program, instead be used as a template or suggestion. It is bound to break if not properly inspected. Furthermore, if you don't know what the output nor understand the concept, then it may be hard to debug later down the line. The output may be of a earlier version which may result in incompatibility with your program or result in error that the AI can't resolve. While I can still write more about this, I will save it for the final paper.

Thanks to Koren for allowing us to use ChatGPT workspace with o-1 preview. O-1 has awesome feature called reasoning.