

Welcome back guests, mentors, and Ms. Penney, to my weekly blog. The keenly-eyed may notice that this blog is no longer being read off of a Google Doc, which means that my website is working! Congratulations, me! With my website being in a decent state, I feel prepared enough to start looking for mentors.

I have decided to choose cybersecurity as the subject I want to pursue. I was mostly undecided, just wavering around *something* in computer science, but recent events in a company I volunteer for have made me realize the joy I take in cybersecurity. Namely, we were involved in a breach of our internal permissions system, and with everyone asleep, I was the one in charge of bringing everything back to normal operations.

After resolving everything in two hours of stress-induced panic, I started wondering what steps we could've taken to avoid this. The breach was caused by a rogue API request, which theoretically could've been caught if someone was monitoring it. However, a human can't monitor API requests, as thousands of requests are made a day, but an AI possibly could. Therefore, I want to see if I can develop some sort of service to have an AI oversee API requests, and report on any possible malicious activity.