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This cybersecurity project was done for my IPRO course, which involved a simulation of real-world software development using agile methodology. Throughout the course, we developed an application that would scan running processes on a Windows 10 machine and use machine learning to determine whether any of the processes were harmful or dangerous.

The code presented here is what my team developed. Its job is to install the program, and once running, collect information about all the running processes and send it to an AWS server, where the machine learning algorithm would determine if any of them were harmful. (The AWS server is no longer running, so the program will not work anymore)

I wrote the startup.py script, which installed the program, and I contributed to various parts of the ServiceInfo.py script, which is what collected data from the machine and sent it to the AWS server.