# YS5-Red Cybersecurity in Malware Analysis Weekly Report

Connor Skidmore, Jonathan Tarrant, Andy Guo

Date: 10/14/2022

## Meeting Notes From This Week:

**Monthly Meeting with Dr. Shi (Wednesday 10/12/2022 1 PM):**

In this meeting we discussed the following with Dr. Shi:

- Need to have working demonstrations ready by week of November 7th.
- Need to finish research by end of October
- Be ready to demonstrate prototypes to Dr. Shi by our next monthly meeting (11 November 2022)
- Additional deliverable required now: IEEE format research paper
- Reiterated AI/ML approaches for Network Traffic Anomalies DDoS and Port Scanning
- Reiterated Conventional non-AI/ML approaches for other 3 modules.
- Reiterated using Python/Pytorch/Colab for code/environment.

**Meeting 2 (Thursday 10/13/2022 2 PM)**

In this meeting we discussed the following:

- Discussed progress with research
- Discussed progress with code
- Assigned work for the IEE Research paper among the 3 group members
- Discussed preparation for milestone 1 demonstration.

## Goals for Next Week:

- Prepare for presentations
- Start work on IEEE paper
- Work on Research so that it can be done by the end of October.

Next Meeting: Tuesday 10/18/2022 2 PM