Zero Trust Research Project (ARMZTA) Meeting Minutes

09-29-2023

Participants

- Dr. Waleed Farag (PI)
- Dr. Soundararajan Ezekiel
- Dr. Xin-Wen Wu
- Jared Giesen
- Drew Rado
- Shari Hoch
- Micah Sherry

Meeting started at 4:00 pm

Progress Report

- Jared
    - Limited time due to midterms, briefly continued reading papers on anomaly detection in real-time data streams
- Drew
    - Began research into data input streams
    - Made some progress in revising the reflection section of his paper
    - Path to IoT paper progress: 2020-CAE-C-Research-Project/Drew/IoT-Paper-Doscs
- Shari
    - Looked into given resources on XGBoost, machine learning theory, and will include these notes to assist in on-boarding other students

Discussion Points

- Possibly the team should be focused on working on each component in order together to ensure better cohesive components
- The data input stream will likely be network packets but the nature of such must be discussed in order to design the implementation of the next phases
- Kurtis has provided a new tutorial video to the One-Drive for algorithm usage Path: !!!!!!!!!!!-Autonomous-Mitigation-ZTS-Project/Student-Folders/Kurtis

Tasks

- Jared
    - Provide a specific recommendation based on the new concept
    - Finish reviewing the Pitt papers Dr. Wu recommended
- Drew
    - Revise Lit review to include a more extensive reflection/recommendation section
    - Research into data input streams

- Shari
    - Continue to review project materials and the resources provided in on-boarding
- Micah
    - Schedule and attend on-boarding with Jared and Drew specifically, possibly Kurtis.

Adjournment 4:50 pm

Next meeting will be held on Wednesday, Oct. 4th at 4:00 pm