Zero Trust Research Project (ARMZTA) Meeting Minutes

11-08-2023

Participants

- Dr. Waleed Farag (PI)
- Dr. Soundararajan Ezekiel
- Dr. Xin-Wen Wu
- Jared Giesen
- Drew Rado
- Micah Sherry
- Justin Benedict
- Nicholas Reid

Meeting started at 4:00 pm

Progress Report

- Jared
    - Finished Test-bed summary report for Dr. Wu
    - Worked with Drew briefly in the lab to troubleshoot data collection
- Drew
    - Worked on troubleshooting the plugins for data collection
- Micah
    - Worked on resolving the Matlab license with Kurtis.
    - Worked with Justin on developing a DCNN algorithm in Python
- Justin
    - Worked with Micah on developing a DCNN algorithm in Python
- Nicholas
    - Finished converting Drew's Test-bed documentations to PDF

Discussion Points

- Two posters will be needed for the next scholar's forum
- Be sure to update Dr. Ezekiel on progress ahead of meetings
- The Matlab license is now under Micah's account, but a new activation and toolboxes may be necessary.

Tasks

- Team
    - Implement a live feed data capture
    - Implement a static data set model
    - Work towards a detection algorithm for live feed data
- Jared
    - Continue work with Drew on implementing Zeek into Kafka for data capture, capturing, and visualizing data
    - Learn about the test-bed from Drew and documentation

- o Clean up the documentation and tutorial folders.
- Drew
  - o Continue work with Jared on implementing Zeek into Kafka for data capture, capturing, and visualizing data
- Micah
  - o Work with Justin on implementing the algorithms for the static dataset model starting with DCNN
  - o Try to resolve the Matlab license issue to be tied to a general account.
- Justin
  - o Work with Micah on implementing the algorithms for the static dataset model starting with DCNN
- Nicholas
  - o Work with HR to finish hiring process
  - o Work alongside Justin and Micah

Adjournment at 5:00 pm

Next meeting will be held on Wednesday, Nov. 15th at 4:00 pm