CAE Research Project Meeting Minutes
1-18-2023

- Participants
  - Dr. Farag (PI)
  - Dr. S. Ezekiel
  - Dr. Wu
  - Drew Rado
  - Emily Himes
  - Maria Balega
  - Sky Semone

- Meeting started at 11:10 pm
- Unanimously approved minutes for meeting on January 11th, 2022

Main Points:
- Progress report
  - Zaryn was not present but reported to Maria that he ran the DCNN and made a few graphs.
  - Maria was meeting with Dr. Ezekiel and Alicia with TON paper.
    - Also working on the sensor paper
  - Sky finalized data visualization scripts and uploaded to OneDrive.
    - This consists of “nicer” versions of all plots presented over Zoom.
    - Helped Drew with data acquisition
  - Drew a sample of data with the sensors and cameras that generated 20k likes of data.
    - The diversity of the sample data set has improved
    - Much of the camera traffic was DNS requests, which are not counted.
    - We will need roughly 5 days of continuous data collection to re-generate our 100k of benign data, as well as more time for the malicious.
  - Drew updated visuals in the paper he is writing and continued writing
  - Emily continued documentation

- Discussion points
  - Note there is a new Zoom link.
  - This project should be finished up in February.
  - All students watch out for correspondence from Emily on documentation.

- Tasks:
  - Drew: continue collecting data with the camera updates. Finish up the paper (expected with weekend)
  - Sky: help Drew with new data if needed.
  - Zaryn and Maria: continue working on paper and be on hold for new data expected this week.
  - Emily: continue working on documentation and OneDrive organization.

Adjournment at 11:50 AM

Next meeting will be held on Thursday, Jan 25<sup>th</sup> at 11:10 AM