CAE Research Project Meeting Minutes
05-31-2023

- Participants
    - Dr. Waleed Farag (PI)
    - Dr. Soundarajan Ezekiel
    - Drew Rado
    - Jared Giesen
    - Kurtis Johnson
    - Samuel Rocco
    - Lynn Munro
    - Nathan Metzger
- Meeting started at 11:00 am
- Unanimously approved minutes for meeting on May 25th, 2023

Main Points:
- **Progress report**
    - Drew –
        - Working on IoT test bed paper
        - Collected new benign data set and shared with Kurtis
        - Put documentation of data capture and lab on all 305 machines
    - Kurtis –
        - Ran XGBoost on new data and determined random_state parameter is causing variability between runs
        - Ran SVM with similar high accuracy results
    - Sam –
        - Reviewed Drew's documentation for data capture
    - Lynn –
        - Reviewed Drew's documentation for data capture
- Discussion points
    - Kurtis needs to explore the issues with XGBoot and SVM performance. Other students will familiarize themselves with Drew's documentation.

- **Tasks:**
    - Drew: Finalize the IoT paper
    - Kurtis: Work on XGBoost and SVM parameters with Dr. Ezekiel
    - Sam: Continue gaining familiarity with Drew's documentation but focus on ARMZTA

Adjournment at 11:45am
Next meeting will be held on Tuesday, June 6th at 10:00am