CAE Research Project Meeting Minutes
07-20-2023

- Participants
  - Dr. Waleed Farag (PI) (excused)
  - Dr. Soundararajan Ezekiel
  - Dr. Xinwen Wu
  - Jared Giesen
  - Kurtis Johnson
  - Samuel Rocco
  - Nathan Metzger

- Meeting started at 11:00 am
- Unanimously approved minutes for meeting on July 13th, 2023

Main Points:
- **Progress report**
  - Drew –
    - Working on IoT test bed paper
  - Kurtis –
    - Completed running DCNN on test bed data capture 4-20
    - Running DCNN on Titan on TON and KDD datasets for Maria
    - Met with Adam for help on DCNN fusion
  - Sam –
    - Created soft copies of DCNN Fusion notes
  - Jared –
    - Primarily working on ARMZTA
  - Nathan –
    - Working on extracting image features from trained nets
    - Working on DCNN fusion
- **Discussion points**
  - Contact Drew for updates on IoT paper
  - We are keeping the next meeting on Thursday due to U-Soar on Wednesday
  - We need to fix inconsistencies in Maria's paper regarding DCNN results
    - One figure refers to Resnet101 while all others do not
- **Tasks:**
  - Drew: Finalize the IoT paper
  - Kurtis:
    - Focus on running DCNN for Maria due to time sensitivity
  - Sam:
    - Fix Maria's DCNN KDD figure in paper
  - Jared:
    - Redraw Maria's DCNN figure
  - Nathan:
    - Extract image features from all trained nets
    - Work on fusion

Adjournment at 11:40 pm
Next meeting will be held on Thursday, July 27th at 11:00am