

# CAE Research Project Meeting Minutes

3-01-2023

- Participants
  - Dr. Ezekiel
  - Dr. Wu
  - Zach Keyser
  - Emily Himes
  - Maria Balega
  - Sky Semone
  - Hector L.
- Meeting started at 11:45 AM
- Unanimously approved minutes for meeting on Feb 22, 2023.

## Main Points:

- **Progress report**
  - Drew wrote a second version of the IoT paper and reconfigured the Room 305 network for data collection.
    - Started building new computer in 305.
    - Also recollected DDoS data to include multiple ports in the attack and gave data to Maria.
  - Sky ran stats on the new data and found that only 2 ports were being included in the final dataset
    - Helped Drew with data collection and the contributed to his paper write up.
    - Improved stats scripts and created visuals that are on OneDrive.
    - Showed that Arduino code updates helped restart issues for the sensors.
  - Zaryn continued running DCNN and contributing to paper.
  - Maria: updated the paper with Dr. Wu (paper is almost ready) and showed that new DDoS dataset has similar outcome to the last one.
  - Emily: continuing documentation.
  - Hector and Zach: helped Drew in 305.
- **Discussion points/Comments**
  - Room 305 looks much better and the new computer Drew assembled looks good.
  - Last Saturday, students met with Dr. Ezekiel and Jino to determine how the research should progress.
  - Reminder that the scholar's forum submission is due on Friday.
  - We should all meet with each other so we are familiarized with how other parts of the
- **Tasks:**
  - Drew: submit scholars forum abstract by Friday (focusing on IoT testbed, with Dr. Ezekiel advising.) Update Dr. Wu on report.
  - Maria: take the lead on the Scholars Forum poster and collaborate with Zaryn (3-dataset paper). Work on paper and continue training XGBoost/SVM as new data comes.
  - Zach and Hector: Meet with Dr. Ezekiel and learn more about the data collection process.
  - Sky: finish up data viz with new data, continue reading over Drew's paper.
  - Zaryn: continue training DCNNs with new upcoming data, helping with write-ups as needed.
  - Emily: continue work on documentation.

Adjournment at 11:45. Next meeting will be held on Wednesday, March 1st at 11:10 AM