CAE Research Project Meeting Minutes
4-19-2023

- Participants
  - Dr. Farag (PI)
  - Dr. Wu
  - Dr. Ezekiel
  - Drew Rado
  - Emily Himes
  - Kurtis Johnson
  - Samuel Rocco
  - Sky Semone
  - Maria Balega
  - Zachary Keyser

- Meeting started at 11:10 AM
- Unanimously approved minutes for meeting on April 14th, 2023.

Main Points:

- Progress report
  - Sam will start on a new implementation on the SVM/XGBoost soon.
  - Kurtis reviewed ML tools and learned more about the projects. Helped Sky identify some parts of the DCNN that were confusing.
  - Drew processed data with Sky
    - Continued with onboarding – met with Curtis.
    - Made dataviz guide through Wireshark.
  - Sky continued onboarding
    - Preprocessed new data
    - Fixed Matlab pre-trained model issue, so they are now on Titan.
    - Continued proofreading the IoT paper.
  - Maria and Zaryn kept onboarding new students and were awaiting new data from Drew and Sky.
  - Emily continued documentation.
  - Zach reviewed dataviz and network tools.

- Discussion points/Comments
  - Dr. Ezekiel mentioned that we should utilize Room 305 as much as possible and try to make plans to achieve the weekly goals.

- Tasks:
  - Sam: Write new implementation of SVM/XGBoost, compare to the results Maria got.
  - Drew: Lead onboarding and keep facilitating the transfer of knowledge as people leave.
  - Sam, Kurtis, and Drew: come up with a plan to share OpenWRT knowledge since it is very important to this project.
  - Zaryn: Continue working on DCNN guide and process new data.
  - Emily: work on paper and the IoT-testbed paper.
  - Maria: process new IoT dataset.
  - Zach: keep working on dataviz and network stuff.

Adjournment at 11:40. Next meeting will be held on Wednesday, April 26th at 11:10 AM.