

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
 - Sky: post-process data and help onboard. Continue editing paper.
 - 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