

## Participants

- Dr. Ezekiel
- Dr. Wu
- Dr. Farag
- Emily Himes
- Kurtis Johnson
- Samuel Rocco
- Sky Semone
- Zaryn
- Zach

Meeting started at 11:10 AM

Unanimously approved minutes for meeting on March 29, 2023.

## Main Points:

### Progress report

- Drew collected data (despite computer crashing during the main collection). Post processing occurred on Friday morning.
  - Onboarded new members.
  - Also recollected DDoS data to include multiple ports in the attack and gave data to Maria.
  - Drew worked with Sky and Emily on the paper write up.
- Maria: made a folder and guide for onboarding so all of her material in on the OneDrive once she leaves.
- Zaryn: Onboarded new students on DCNN and Titan, and gave an overview of the IoT project.
- Emily: working with Drew on paper, met with Sky with data viz stuff.
- Sky helped Drew with data collection and met with new people on training with the existing tools.
- Sam: trying to get familiar with tools for IoT project.
- Kurtis: trying to get familiar with tools for IoT project.
- Zachary: helping Drew and Sky with data viz (network graph) to improve existing tools, learning the networking structure of 305.

### Discussion points/Comments

- Room 305 should be cleaned up for display to visiting guests on Tuesday.
- Onboarding new students should include live demos of using the code. Zaryn and others should coordinate times for this to happen.

### Tasks:

- Sam: Write new implementation of SVM/XGBoost, compare to the results Maria got.
- Drew: Will finish up parsing the data and processing it. Continue writing paper
- 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. Assisting Zach with data viz stuff as he improves scripts.
- Zaryn: continue training DCNNs with new upcoming data, helping with write-ups as needed.
- Emily: continue work on documentation.
- Sam, Kurtis: look into OpenWRT for networking configurations.

Adjournment at 11:45. Next meeting will be held on Wednesday, April 12th at 11:10 AM