

## Participants

- Dr. Waleed Farag (PI)
- Dr. Soundararajan Ezekiel (Co-PI)
- Maria Balega
- Zaryn Good
- Franklin May
- Ryan Gress
- Cassie Lefever
- Alicia Deak
- Eliot Hocke
- Sky Semone

Meeting started at 3:10 p.m.

Unanimously approved minutes for meeting on September 9, 2021

## Main Points

- Discussed:

Maria & Cassie

Tried to combine files using MATLAB, still getting memory error  
Could only combine 6 csv files in python, not reading all classifications  
from the captures when running XGBoostp

Alicia

Working on synthetic data

Zaryn

Running the Mirai35 through Alex Net, averaging 80% accuracy,  
focusing on running each capture at time is giving better results

Franklin

Ran 20% of KDD dataset in XGBoost and SVM using binary classification,  
achieved 95% accuracy in XGBoost, achieved 93% accuracy in SVM

Ryan

Ran a capture from TON-IoT dataset in XGBoost using binary  
classification, achieved 78% accuracy  
Working with Zaryn to run DCNN

- Tasks:

Maria & Cassie

Work on fixing the memory error, try to take c30 612 792 reWhBTf3 11 Tf1 0 0 1 203.08

Franklin

Run full KDD dataset in XGBoost and SVM

Ryan

Run other captures from TON-IoT dataset in XGBoost

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