

# Zero Trust Research Project (ARMZTA) Meeting Minutes

12-06-2023

## Participants

Dr. Waleed Farag (PI)  
Dr. Soundararajan Ezekiel  
Dr. Xin-Wen Wu  
Jared Giesen  
Micah Sherry  
Justin Benedict  
Nicholas Reid  
Drew Rado

Meeting started at 4:00 pm

## Progress Report

Jared

- o Worked on edits and additions to the ARMZTA 6 month report

Drew

- o Transitioning off project.
- o Working on IoT paper edits and waiting for feedback.

Micah

- o Set up the network tap and is working on integrating it to Kafka.
- o Worked on running other variants of DCNN as well as tuning.

Justin

- o Was out sick for the week.

Nicholas

- o Added some additions to the ARMZTA documentations.

## Discussion Points

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Be sure to update Dr. Ezekiel on progress ahead of meetings

## Tasks

Team

- o Implement a static dataset model
- o Work towards a detection algorithm for live feed data

Jared

- o Assist with on-boarding
- o Implement a simulated federated algorithm using Flower on the static model.

Drew

- o Prepare all current students for handover, especially Micah for the Zeek-Kafka server.
- o Continue to finalize the IoT paper.

Micah

- Continue to run the various implementations of DCNN, and run them with varying test/train splits.
- Help with any on boarding for Nicholas and new members.

Justin

- Troubleshoot the XGBoost algorithm for the static dataset and begin developing the SVM algorithm.

Nicholas

- Learn more about the Kafka Integration.

Adjournment at 4:55 pm

Next meeting will be held on Wednesday, Dec. 20th at 12:00 pm