

# Zero Trust Research Project (ARMZTA) Meeting Minutes

10-04-2023

## Participants

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

Meeting started at 4:00 pm

## Progress Report

- Jared
  - Limited time due to coursework and remaining midterms, briefly continued reading papers on anomaly detection in real-time data streams
- Drew
  - Limited time due to travel obligations and move.
  - Uploaded updated IoT Documentation: [https://iup0-my.sharepoint.com/personal/farag\\_iup\\_edu/Documents/2020-CAE-C-Research-Project/Drew/Main%20Documentation/Extracted](https://iup0-my.sharepoint.com/personal/farag_iup_edu/Documents/2020-CAE-C-Research-Project/Drew/Main%20Documentation/Extracted)
  - Uploaded updated IoT paper: [https://iup0-my.sharepoint.com/personal/farag\\_iup\\_edu/Documents/2020-CAE-C-Research-Project/Drew/IoT-Paper-Doscs/Drew%20IoT%20Paper%20V4.docx](https://iup0-my.sharepoint.com/personal/farag_iup_edu/Documents/2020-CAE-C-Research-Project/Drew/IoT-Paper-Doscs/Drew%20IoT%20Paper%20V4.docx)
  - Uploaded updated ARMZTA paper: [https://iup0-my.sharepoint.com/personal/farag\\_iup\\_edu/Documents/!!!!!!!-Autonomous-Mitigation-ZTS-Project/Student-Folders/Literature%20Review%20Drafts/IEEE%20Zero%20Trust%20Paper%20\(Drew\).docx](https://iup0-my.sharepoint.com/personal/farag_iup_edu/Documents/!!!!!!!-Autonomous-Mitigation-ZTS-Project/Student-Folders/Literature%20Review%20Drafts/IEEE%20Zero%20Trust%20Paper%20(Drew).docx)
  - Kurtis DCNN video path: [https://iup0-my.sharepoint.com/personal/farag\\_iup\\_edu/Documents/!!!!!!!-Autonomous-Mitigation-ZTS-Project/Student-Folders/Kurtis/DCNN%20Tutorial.mp4](https://iup0-my.sharepoint.com/personal/farag_iup_edu/Documents/!!!!!!!-Autonomous-Mitigation-ZTS-Project/Student-Folders/Kurtis/DCNN%20Tutorial.mp4)

## Discussion Points

- Important that we take large strides into researching live data streams and getting our first detection system implemented
- Important that Justin and Micah get onboarded as soon as possible so they are able to continue the research without pause over the semesters

## Tasks

- Jared
  - Onboard Micah and Justin
  - Implement live feed data captures
  - Work on detection algorithm for live feed data
- Drew
  - Onboard Micah and Justin
  - Implement live feed data captures
  - Work on detection algorithm for live feed data
- Micah
  - Contact Drew and Jared for onboarding
- Justin
  - Contact Drew and Jared for onboarding

Adjournment 4:45 pm

Next meeting will be held on Wednesday, Oct. 11th at 4:00 pm