

# CAE Research Project Meeting Minutes

4/1/2021

- Participants
  - Dr. Waleed Farag (PI)
  - Dr. Soundararajan Ezekiel (Co-PI)
  - Dr. Xin-Wen Wu (Co-PI)
  - Cassandra Lefever
  - Alex Robbins
  - Maria Balega
- Meeting starts at 4:30 p.m.
- Unanimously approved minutes for meeting on March 25, 2021
- Main Points
  - Updates:
    - Alex – Rescaled Range Analysis
      - Hurst algorithm in MatLab
      - Attempted recreation in Python for better graphing
    - Maria
      - Update on IoT23 Dataset – millions of IoT captures
    - Cassie – Wavelets
  - Tasks:
    - Alex –
      - Convert part of the IoT23 dataset to CSV and run it through the h2o algorithms we have
      - Dr. Farag, Dr. Ezekiel, Dr. Wu, and Alex need to meet with Jackson and Dr. Pearlstein sometime Friday or Saturday to discuss normalization techniques and clustering, we want to narrow down what technique we want to use
  - April 10<sup>th</sup> and 17<sup>th</sup>
    - We have a workshop, please keep these dates open, more details coming soon
- Adjournment at 5:35 p.m.
- Next meeting will be held on Thursday, April 8, 2021 at 4:30 p.m. via Dr. Farag Zoom room.