

Project Title: IoT Sensor Blinding

Faculty Sponsor: Dr. TJ O'Connor [toconnor@fit.edu](mailto:toconnor@fit.edu)

Client: Dr TJ O'Connor

Progress of milestone 2:

Progress							
Task	Completion %	Jeremy Gluck	Alex Winstead	Cole Clements	Xuchao Jiang	Todd St. Onge	To Do
Build Laboratory	50%	10%	10%	10%	10%	10%	Setup network
Acquire Lab Items	100%	--	--	--	--	--	none
Capture Network Traffic	20%	10%	0%	10%	0%	0%	
Recreate Past Research							
Analyze network Traffic for features	10%	0%	10%	0%	0%	0%	Need More Data
In-Class Presentation 2	100%						Done
Pre-process data	20%	10%	10%				Need More Data
Setup Tensorflow environment	100%	0%	100%	0%	0%	0%	Done

#### Discussion:

- Building the laboratory: All members participated in installing new IoT devices in the laboratory.
- Acquiring the devices took longer than expected.
- Progress has not been made on reproducing the past research as the local network has not been set up in the lab yet.
- Analyze network traffic for features: Basic choices have been made, more features need to be explored.
- Pre-process data: a small amount of data has been pre-processed.
- Setup Tensorflow Environment: Web based tf environment setup for use.

Plans for milestone 2:

Goals					
Task	Jeremy Gluck	Alex Winstead	Cole Clements	Xuchao Jiang	Todd St. Onge
Capture Network Traffic	20%	20%	20%	20%	20%
Recreate Past Research	20%	20%	20%	20%	20%

Discussion:

- A showcase of past research shall be exhibited on milestone 3
- The Lab will be in use 10 hours a day/ 5 days per week so data will be collected from all devices

Date of meeting with Dr. O'Connor: 25 October 2019

Faculty Sponsor Signature:\_\_\_\_\_ Date:\_\_\_\_\_

Deliver to Dr Chan

Score															
Jeremy Gluck	1	2	3	4	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
Alex Winstead	1	2	3	4	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
Cole Clements	1	2	3	4	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
Xuchao Jiang	1	2	3	4	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
Todd St. Onge	1	2	3	4	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10

Faculty Sponsor Signature: \_\_\_\_\_

Date: \_\_\_\_\_