Sept 8 (Wed)
CMPE295 meeting

Action Item: OpenCV.
By Next week
T.F. python.
yolo4. Program.

1. Team Leader: Jaccob.
2. Meeting (weekly): 4:10-4:40
3. Meeting Notes for Each Team member
4. Title of the Research.
GPU Accelerated Vision Based Edge AI for Self Driving Application
5. Action: Abstract (2-3 paragraphs) ~ 500 words. ← Visit Abstract

① Objectives { Improve/Develop
Enhance Path Planning Algorithm for In-door Self Driving

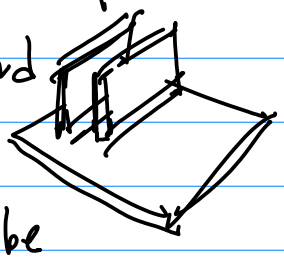
Stage 1 → Stage 2 → Stage 3
Simulation | Embedded platform GPU Based NANO/TX2 | Integration Test ON a physical System.

Unity Based Simulation
"Karting" Game. → New Driving Environment → Game Option
Simulation
Script Program to play the game
ML Option
← Based Karting

Sept. 13 (Mon).

1. Meeting (Wed) Weekly 4:10 pm.
2. Simulation & Software Development
   platform → Finish Tutorial on Interactive Simulation
   ↓ Unity
   { Edge AI (Edge → Embedded platform)
   NVDA Jetson { NANO $50-60
   TX2 $400 ($200-$
   Xavier $1000+
   TX2i, Complete System on module
   TX2 4GB $300
   TX2 NX $199

a. Cluster of NANO Board



HPC
High performance Computing → youtube
b. GPU, TensorRT (Software), yolo4 RUN on the platform
c. OpenCV, Computer Vision (GPU)

(1) Unity Action Items
1. Setting up the GAME
2. Moving the player
3. Moving the Camera
4. Play Area

(2) platform
TX2
OR
NANO
HL (ML, Yolo4)

(3) Yolo4 Running on NANO

(4)