4/17/2020

CMPE 493

Meeting Notes

4/17/2020 Fri. 13:05 - regular meeting w/ prof

* work done this past week:
  + Eric
    - wrote a driver for the IR sensor array
    - found out the Arduino Uno can read 3.3V signals
    - plan to test communications between 5V Arduino and 3.3V IMU
    - figuring out how to implement I2C comm’s on Arduino
  + Christian
    - figuring out using the LCD module
  + Abdullah
    - figuring out how to use BeagleBone Black
* words from prof:
  + Eric and Christian, help Abdullah get a microprocessor up and running
* LCD module
  + baud - bits per second; data transfer rate
  + the microprocessor’s Tx should connect to the LCD module’s Rx
    - the LCD module may have the serial connection mislabeled as ‘Tx’
  + see about making a pinout spreadsheet