**Camera Arm Control - MZIRBC20**

**Meeting and Update Notes**

**10/15:**

Purchased Hardware:

- Servo-Arm: <https://www.adafruit.com/product/1967?gclid=EAIaIQobChMI_4H3zKaB5QIVhK7ICh2JmAAJEAQYByABEgLSl_D_Bw>

- ELP USB Camera Module

Parts to Explore:

1. Mediating Micro Controller (with CAN):

a. Teensy 3.2

2. CAN Transceiver to Read from CAN Bus

* <https://www.mouser.com/>
* Clarify as to if CAN transceiver is needed on both the microcontroller side and the computer side

Rough System Model:

Servo-Arm <==Power and Control Input==> Micro-Controller (decipher CAN messages and send input to servo arm) <===CAN BUS===> NVIDIA JETSON (ECU)