Get motor from partner

Goal by 5/28/2022

TO DO BY SUNDAY

By Sunday I need to finish checking if I can successfully and consistently sample data from sensor with the FIT interrupts while varying the amount of the Data I write to the OLED

Make 50 Hz PWM Generator with a duty cycle of 0.5 millisecond to 2 millisecond with a time period of 200 millisecond.

Order

Servo Motors

Solar Cell

Battery

Charge Controller

Buck boost converter- This is used to take in a less stable voltage and output a stable voltage

GOAL for 5/30/2022

Have a main loop that is able to successfully sample data at regular intervals and take in user inputs at regular intervals

Either implement in FreeTROS or in Stand Alone