Parker Sexton

Demo day user system ideas

Starting materials

3d printer frame

Big Servo motors

CLAW MACHINE:  
<https://diyodemag.com/projects/diy_claw_machine_using_an_upcycled_3d_printer_arduino_nano>

Updates needed on protocontrol:

Analog components working (adc setup) - DONE

Communication with raspberry pi working - DONE

Setup rpi as micro, run script on startup

Get servo working on rpi

Servo control:

<https://www.digikey.com/en/maker/tutorials/2021/how-to-control-servo-motors-with-a-raspberry-pi>

from gpiozero import Servo

from time import sleep

servo = Servo(25)

val = -1

try:

while True:

servo.value = val

sleep(0.1)

val = val + 0.1

if val > 1:

val = -1

except KeyboardInterrupt:

print("Program stopped")

<https://docs.arduino.cc/tutorials/portenta-h7/reading-writing-flash-memory/>

Circuit for python



