

CS 591
Final Project
Parts List

HARDWARE:

4x MG996R servo motors
1x Raspberry pi 4
1x PCA9685 servo driver
4x 5v power converters
1x battery
14 gauge wire
12 gauge wire
3x bearings
M3 screws
M3 screw inserts
Jumper wires

TOOLS:

wire strippers
soldering iron

3D PRINTED PARTS:

Base
2x Arms
Gripper gear box
Gripper
Electronics housing