

## MIT AI2 Camp 204

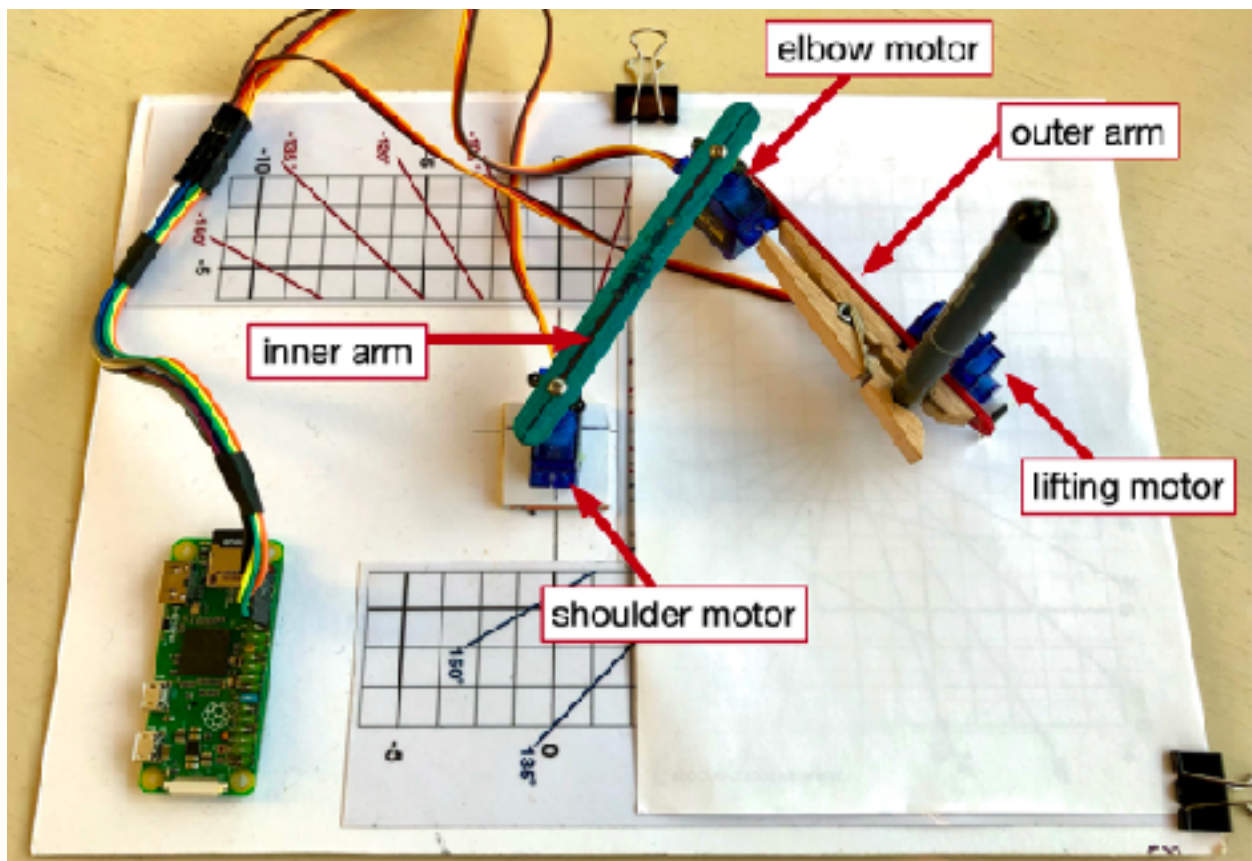
### Final Project — Components and materials

You'll need:


- ◆ a Raspberry Pi
- ◆ three servo motors
- ◆ sticks or stiff card to make two arms, each about 10cm long (Walmart)
- ◆ jumper wires and GPIO pin header to connect the Pi to the servos
- ◆ a clothes peg (Walmart)
- ◆ a board or sheet of card, about A4 size
- ◆ strong adhesive(Super Glue) or a hot glue gun (HomeDeport/Lowes)

#### 1.2. Assembly

The image below shows the basic construction of the BrachioGraph plotter and the names of some key parts. In this example, the drawing sheet is A5 size.



## [Dorhea 5 Pcs SG90 Micro Servo Motor](#)



RCB over image to zoom in

**Dorhea 5 Pcs SG90 Micro Servo Motor Mini Servo SG90 9g Servo Kit Compatible with RC Helicopter Airplane Car Boat Robot Arm/Hand/Walking/Servo Door Lock Control**

With the DORHEA Store

★★★★★ -- 402 ratings

Amazon's Choice for "servo motor"

**\$10.99**

✓prime One-Day  
FREE Returns --  
Earn 5% back on this purchase (worth \$0.55 when redeemed) with your Prime Store Card.

Bottom: SG90

<b>M29G5</b> \$14.95 ✓prime	<b>\$699</b> <b>\$16.99</b> ✓prime
-----------------------------------	--

- 100% NEW brand high quality, 5 lead 7mmx14.8mm, 12.3oz/in (110g/cm).
- Operating voltage: 5.0V~6V; Temperature range: -20 to +60; Dead band width: 3mm.
- Mini servo SG90 is tiny and lightweight with high output power.
- SG90 servo motor compatible with the project: like Robot Arm/ Robot hand/ control the servo with potentiometer/ multi servo control.
- The SG90 has 5 wire interfaces in which the connection should be made as:

**\$10.99**

✓prime One-Day  
FREE Returns --

FREE Delivery Wednesday, October 17. Order within 5 hrs 16 mins

Deliver to you - Plano 75015

**In Stock.**

Qty: 1 ▼

[Add to Cart](#)

[Buy Now](#)

Secure transaction

Shipped from **amazon**  
Sold by **Dorhea**

Return policy: Returnable until Jan 31, 2025 --

☐ Add a gift receipt for easy returns

[Add to List](#) ▼