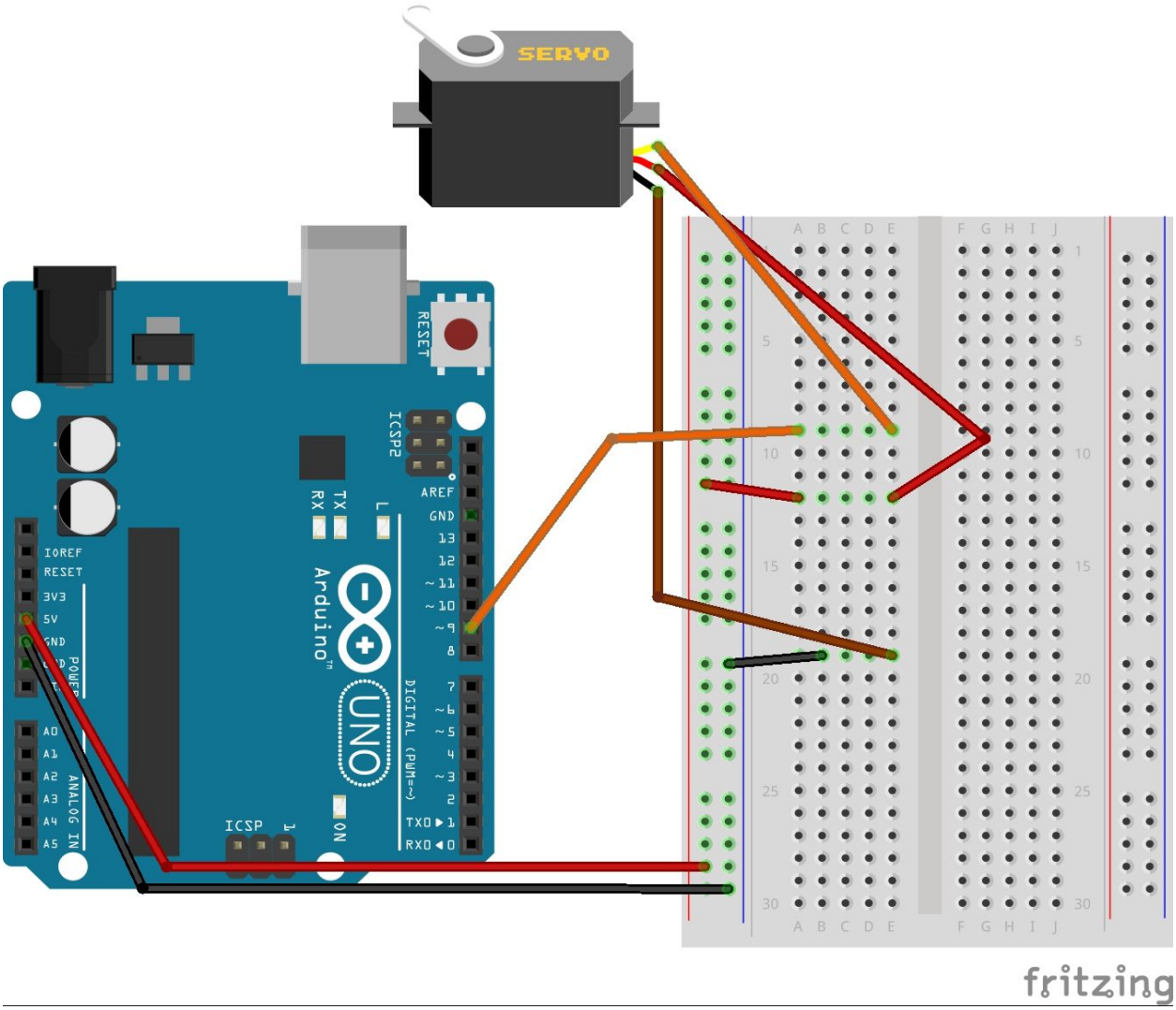
Servo Motor Circuit



Circuit Steps:

1. Once your supplies are gathered, connect the breadboard to the Arduino:
    a. **– rail** on the breadboard connects to **GND** on Uno
    b. **+ rail** on the breadboard connects to **5V** on Uno
2. Next, connect the servo:
    a. First, refresh yourself on the polarity of the servo. Remember which jumper wires you attached to the servo wires. Remember that brown: ground, red: power, orange: data/signal.
    b. Connect the jumper wire attached to the **brown servo wire (ground)** to the **GND (-) rail** on the breadboard.
    c. Connect the jumper wire attached to the **red servo wire (5V)** to the **power (+) rail** on the breadboard.
    d. Finally, connect the jumper wire attached to the **orange servo wire (signal)** to a jumper that connects to **pin 9** on the Arduino.
3. Note that if you change the pin number in either the board or the code, it must match. **You need to use a pin with a ~**.

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