

YOU NEED

- Arduino Uno
 - 4 LEDs
 - 4 × 220Ω resistors
 - Jumper wires
 - USB cable
 - Python + OpenCV + MediaPipe
 - pyserial
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1. Wiring LEDs to Arduino

LED	Arduino Pin
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LED1 (Index Finger) 4

LED2 (Middle Finger) 5

LED3 (Ring Finger) 6

LED4 (Pinky Finger) 7

Each LED → 220Ω resistor → GND