

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
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LED2 (Middle Finger)	5
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LED3 (Ring Finger)	6
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LED4 (Pinky Finger)	7
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Each LED → 220Ω resistor → GND