

- ✓ **Real-time computer vision**
using MediaPipe for live hand-gesture & finger detection
- ✓ **Perception → decision → control pipeline**
(vision → logic → robot motion)
- ✓ **Hardware–software integration**
between Python and Arduino via serial
- ✓ **Smart state handling**
busy/idle + debouncing to prevent false or unsafe triggers
- ✓ **Industry-relevant stack:**
Python • MediaPipe • Arduino • Serial • Servo control