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- ✓ **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