

HAND TRACKING USING CPU (OpenCV)

By Sahil Faizal



**HAND
TRACKING**

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graph TD; A[HAND TRACKING] --> B[Palm Detection]; A --> C[Hand Landmarks];
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The diagram illustrates the relationship between three concepts in a hand-tracking system. At the top center is a blue rounded square labeled 'HAND TRACKING'. Below it, to the left, is a pink rounded square labeled 'Palm Detection', and to the right is another pink rounded square labeled 'Hand Landmarks'. Two dark gray curved arrows originate from the bottom of the 'HAND TRACKING' box and point towards the top of the 'Palm Detection' and 'Hand Landmarks' boxes respectively, indicating that hand tracking involves or leads to these two specific processes.

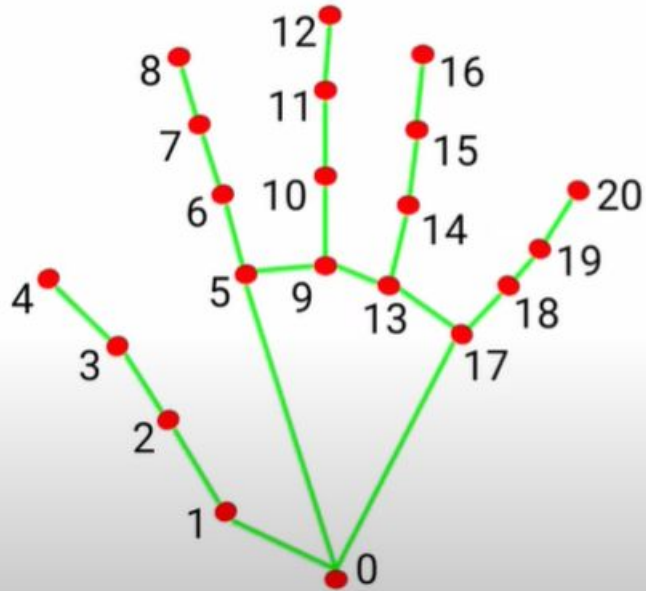
**Palm
Detection**

**Hand
Landmarks**

Palm Detection



Hand Landmarks



- 0. WRIST
- 1. THUMB_CMC
- 2. THUMB_MCP
- 3. THUMB_IP
- 4. THUMB_TIP
- 5. INDEX_FINGER_MCP
- 6. INDEX_FINGER_PIP
- 7. INDEX_FINGER_DIP
- 8. INDEX_FINGER_TIP
- 9. MIDDLE_FINGER_MCP
- 10. MIDDLE_FINGER_PIP

- 11. MIDDLE_FINGER_DIP
- 12. MIDDLE_FINGER_TIP
- 13. RING_FINGER_MCP
- 14. RING_FINGER_PIP
- 15. RING_FINGER_DIP
- 16. RING_FINGER_TIP
- 17. PINKY_MCP
- 18. PINKY_PIP
- 19. PINKY_DIP
- 20. PINKY_TIP