

50 common computer vision-related algorithms

Here is a list of 50 common computer vision-related algorithm names. These algorithms cover various fields of computer vision, including image processing, object detection, image recognition, pose estimation, 3D reconstruction, and more. Depending on specific applications and requirements, you can choose the appropriate algorithm to solve your problems.

1. Edge Detection
2. Pixel Detection
3. Image Segmentation
4. Object Detection
5. Image Recognition
6. Face Detection
7. Face Recognition
8. Object Tracking
9. Camera Calibration
10. Image Registration
11. Image Denoising
12. Target Recognition
13. Image Enhancement
14. Feature Extraction
15. Feature Matching
16. Visual Object Tracking
17. Image Analysis
18. Visual Detection
19. Visual Localization
20. Visual Navigation
21. Image Classification
22. Visual Segmentation
23. Optical Flow Estimation
24. Visual Odometry
25. 3D Reconstruction
26. Depth Estimation
27. Object Segmentation
28. Image Generation
29. Human Pose Estimation
30. Real-Virtual Alignment
31. Panorama Image Stitching
32. Image Super-Resolution
33. Image Retrieval
34. Text Detection in Images
35. Text Recognition in Images
36. Object Detection and Tracking
37. Facial Expression Recognition
38. Human Action Recognition
39. Pose Estimation
40. Semantic Segmentation

41. Visual Reasoning
42. Image Quality Assessment
43. Color Analysis
44. Image Classification and Tagging
45. Object Pose Estimation
46. Image Retrieval and Similarity
47. Image Compression
48. Image Distribution Estimation
49. Visual SLAM
50. Image Analysis and Interpretation