

👋 Hand Gesture Recognition using CNN

Upload a hand gesture image to predict its class!

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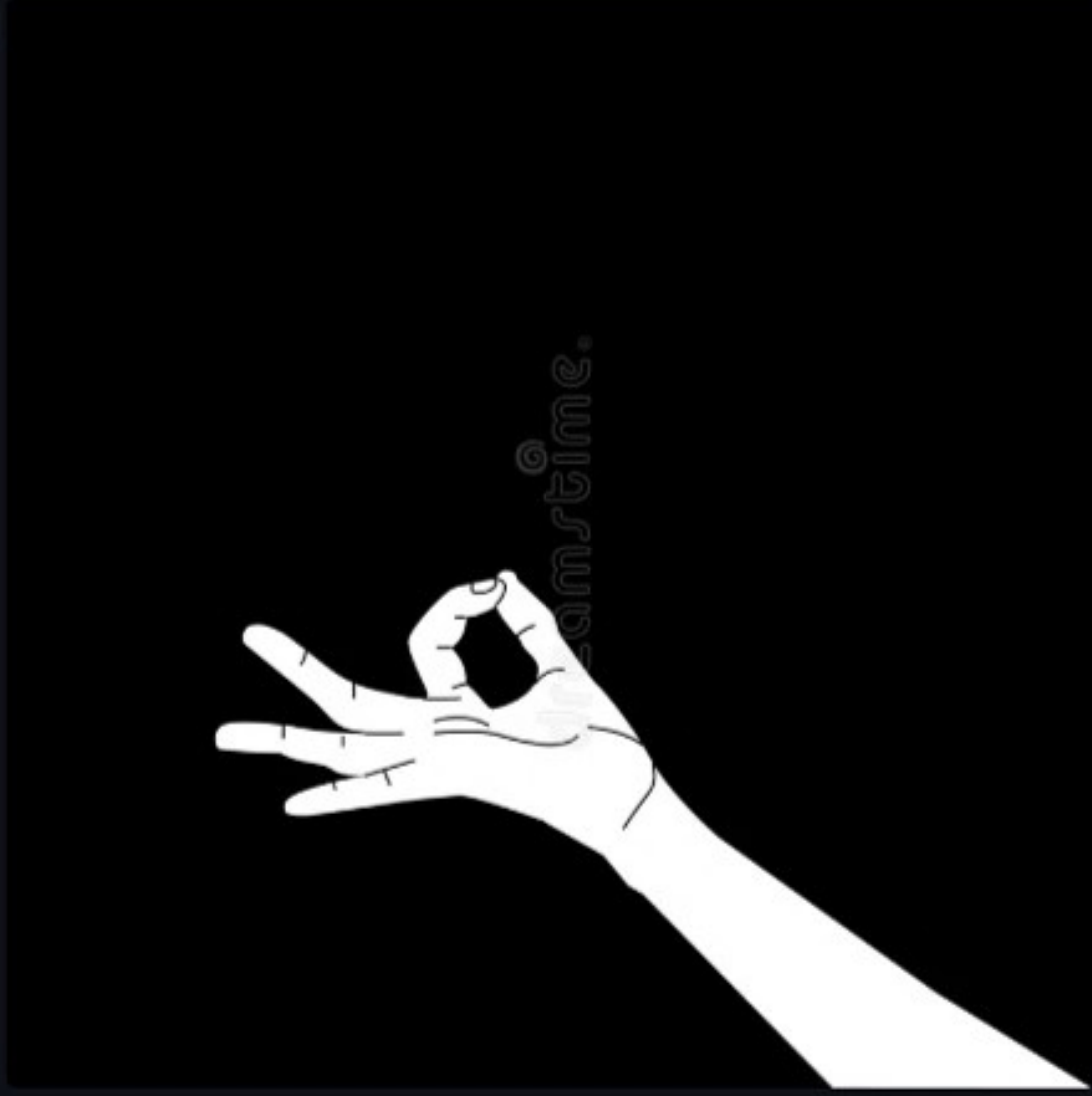
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silhouette-gesture-hand-ok-design-element-black-background-silhouette-gestur... 7.2KB X

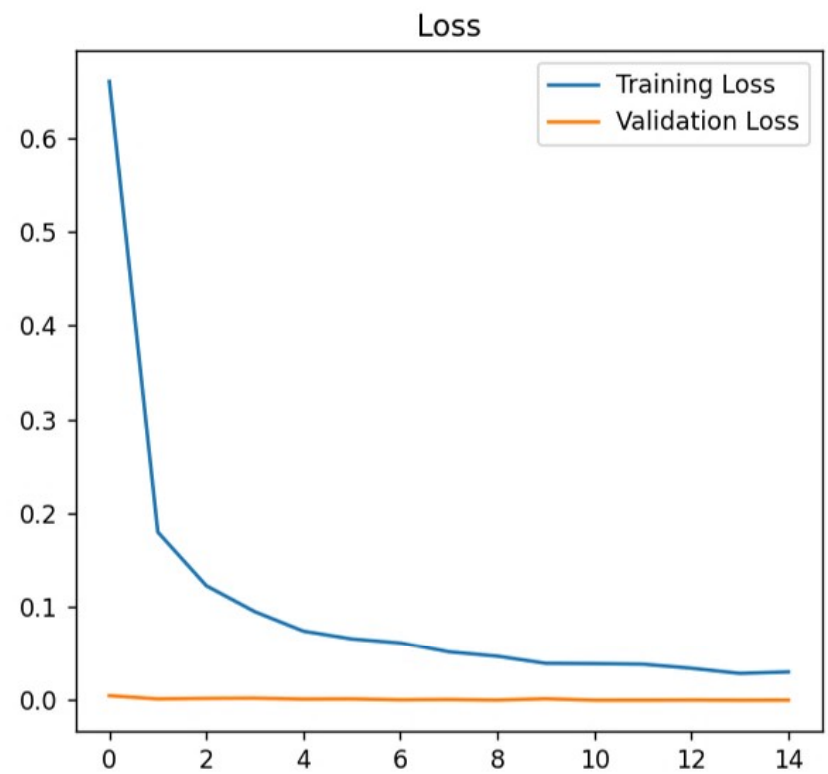
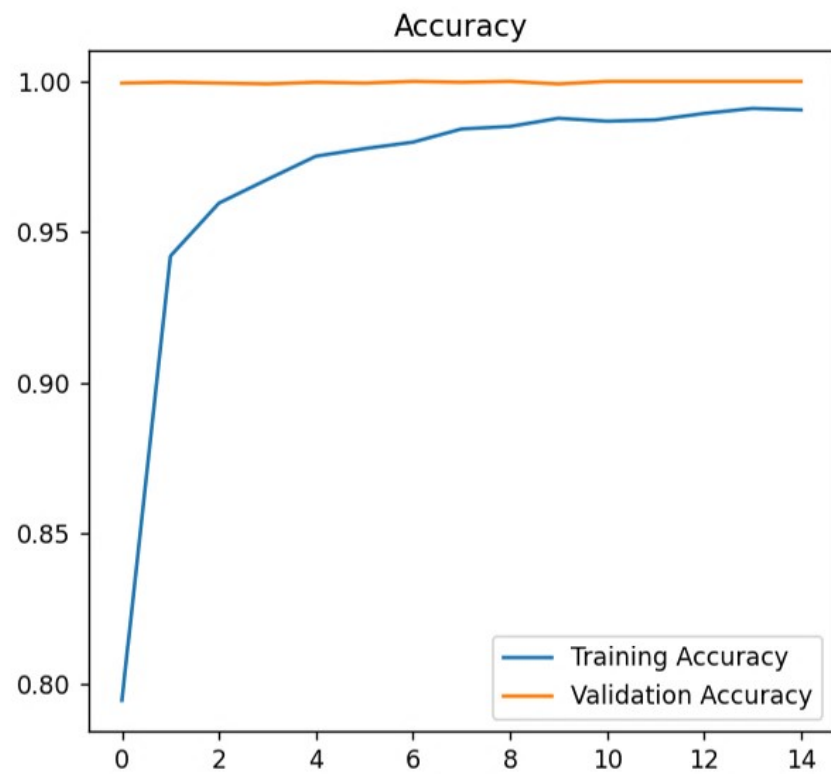
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 Predicted Gesture Class: 4


 Confidence: 88.61%




Epoch 1/15

450/450  **21s** 45ms/step - accuracy: 0.6138 - loss: 1.2637 - val_accuracy: 0.9994 - val_loss: 0.0049


Epoch 2/15

450/450  **20s** 44ms/step - accuracy: 0.9328 - loss: 0.2070 - val_accuracy: 0.9997 - val_loss: 0.0014


Epoch 3/15

450/450  **19s** 43ms/step - accuracy: 0.9574 - loss: 0.1271 - val_accuracy: 0.9994 - val_loss: 0.0020


Epoch 4/15

450/450  **20s** 43ms/step - accuracy: 0.9651 - loss: 0.1011 - val_accuracy: 0.9992 - val_loss: 0.0023

Epoch 5/15

450/450  **20s** 44ms/step - accuracy: 0.9738 - loss: 0.0777 - val_accuracy: 0.9997 - val_loss: 0.0012

Epoch 6/15

450/450  **20s** 44ms/step - accuracy: 0.9754 - loss: 0.0723 - val_accuracy: 0.9994 - val_loss: 0.0014

Epoch 7/15

450/450  **20s** 44ms/step - accuracy: 0.9808 - loss: 0.0611 - val_accuracy: 1.0000 - val_loss: 5.1433e-04


Epoch 8/15

450/450  **20s** 44ms/step - accuracy: 0.9843 - loss: 0.0513 - val_accuracy: 0.9997 - val_loss: 7.8834e-04

Epoch 9/15

450/450  **20s** 44ms/step - accuracy: 0.9839 - loss: 0.0522 - val_accuracy: 1.0000 - val_loss: 2.0286e-04

Epoch 10/15

450/450  **20s** 44ms/step - accuracy: 0.9876 - loss: 0.0363 - val_accuracy: 0.9992 - val_loss: 0.0016

Epoch 11/15

450/450  **20s** 45ms/step - accuracy: 0.9870 - loss: 0.0377 - val_accuracy: 1.0000 - val_loss: 7.8173e-05


Epoch 12/15

450/450  **20s** 45ms/step - accuracy: 0.9867 - loss: 0.0390 - val_accuracy: 1.0000 - val_loss: 9.6379e-05


Epoch 13/15


450/450  **20s** 44ms/step - accuracy: 0.9886 - loss: 0.0370 - val_accuracy: 1.0000 - val_loss: 2.5105e-04

Epoch 14/15

450/450  **20s** 44ms/step - accuracy: 0.9902 - loss: 0.0288 - val_accuracy: 1.0000 - val_loss: 4.2119e-05

Epoch 15/15

450/450  **20s** 45ms/step - accuracy: 0.9897 - loss: 0.0309 - val_accuracy: 1.0000 - val_loss: 1.2565e-04

113/113  **1s** 8ms/step - accuracy: 1.0000 - loss: 1.9490e-04

Test Accuracy: 100.00%



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Screenshot 2025-07-03 220158.png 31.4KB

✕

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✓ Predicted Gesture Class: 5

 Confidence: 99.55%

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COLOURBOX1031123.png 8.7KB




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✓ Predicted Gesture Class: 1

 Confidence: 99.72%

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hand-gesture-thumbs-up-isolated-black-background-hand-gesture-thumbs-up-is... 8.9KB X

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Predicted Gesture Class: 11



Confidence: 99.99%

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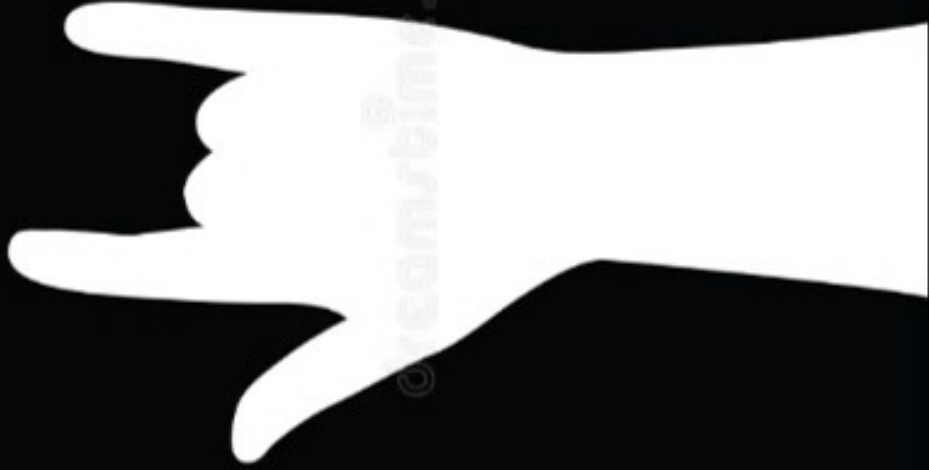
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Screenshot 2025-07-03 221153.png 44.2KB

X

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Predicted Gesture Class: 10



Confidence: 99.70%