

# Deepfake Detection System

AI-powered image and video authenticity detection



**LIKELY AUTHENTIC** Moderate confidence authentic image.

Decision

[Click for details](#)

Evidence Reliability

**87%**

From confidence map (black=low, white=high)

Authenticity

**59%**

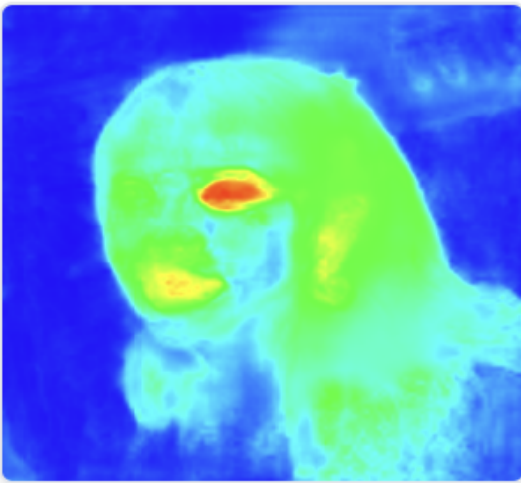
Higher = more authentic

## TruFor Analysis

Original Image



Weighted Anomaly



Low anomaly → High anomaly  
● Normal ● Moderate ● High

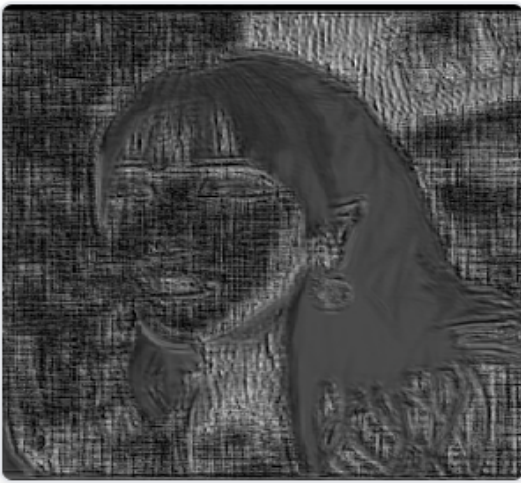
Top Suspicious Regions:  
#1: (169, 163) - 95.9% anomaly  
#2: (169, 162) - 95.9% anomaly  
#3: (168, 162) - 95.8% anomaly

Confidence Map



Unreliable → Reliable  
● Low ● Medium ○ High

Noiseprint++



Noise Pattern Analysis

Fingerprint inconsistencies may indicate editing

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Decision

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Evidence Reliability

81%

From confidence map (black=low, white=high)

Authenticity

59%

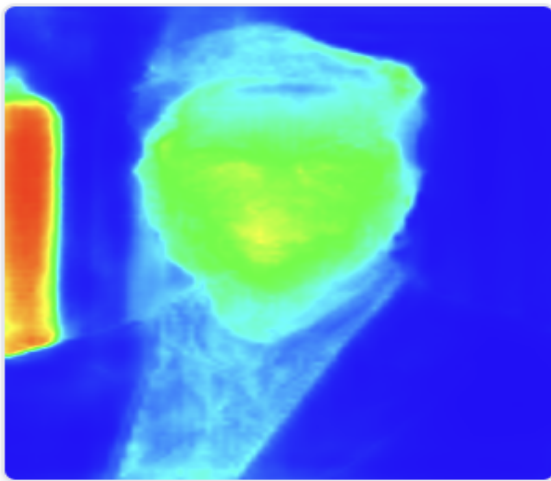
Higher = more authentic

## TruFor Analysis

Original Image



Weighted Anomaly



Low anomaly → High anomaly  
● Normal ● Moderate ● High

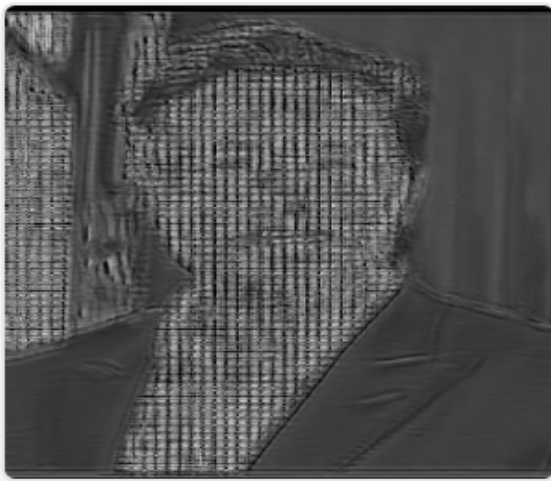
Top Suspicious Regions:  
#1: (28, 397) - 96.3% anomaly  
#2: (28, 396) - 96.3% anomaly  
#3: (27, 397) - 96.3% anomaly

Confidence Map



Unreliable → Reliable  
● Low ● Medium ○ High

Noiseprint++



Noise Pattern Analysis  
Fingerprint inconsistencies may indicate editing

# Deepfake Detection System

AI-powered image and video authenticity detection

**LIKELY AUTHENTIC** Moderate confidence authentic image.

Decision

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Evidence Reliability

73%

From confidence map (black=low, white=high)

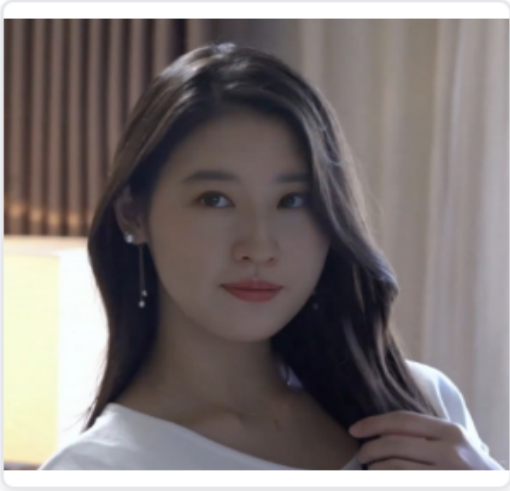
Authenticity

60%

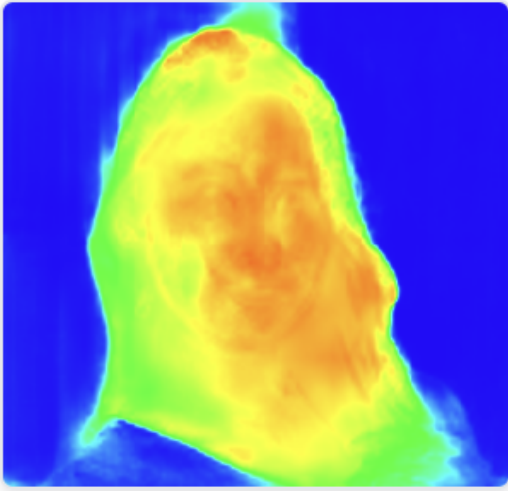
Higher = more authentic

## TruFor Analysis

Original Image



Weighted Anomaly



Low anomaly → High anomaly  
● Normal ● Moderate ● High

Top Suspicious Regions:  
#1: (210, 215) - 89.5% anomaly  
#2: (211, 215) - 89.5% anomaly  
#3: (210, 216) - 89.5% anomaly

Confidence Map



Unreliable → Reliable  
● Low ● Medium ○ High

Noiseprint++



Noise Pattern Analysis  
Fingerprint inconsistencies may indicate editing