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Facial Recognition

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Abstract: Face recognition is one of the most commonly used computer vision applications. This is a fundamental problem in computer vision and pattern recognition. During the past decade, several facial feature detection methods have been introduced. In recent years, advances in deep learning and convolutional neural networks (CNN) have led to advances in providing highly accurate facial recognition solutions. Facial recognition is a computer technique that determines the location and size of people's faces in digital images. For an image, the purpose of face detection). Face detection is the first step required in face analysis algorithms such as face registration, face recognition, face verification and face analysis. In addition, facial recognition is used in several fields such as content-based image retrieval, video coding, video conferencing, mass video surveillance, and intelligent human-computer interfaces.

Keywords: Android application/website, internet service, CNN, python, AI / ML etc



Fig-1:Detection with a deep convolutional network, achieving higher call offaceseven and headpose variations

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494

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