

Project Details:

Project ID:

Title	Facial Detection and the Effect of Ageing				
Area / Domain	AIML	Project Outcome	<input checked="" type="checkbox"/> Project and Research Paper <input type="checkbox"/> Project and Patent <input type="checkbox"/> Project and Book Chapter		
Publication Target	<input checked="" type="checkbox"/> SCOPUS Journal <input type="checkbox"/> SCOPUS Book Chapter <input type="checkbox"/> SCOPUS Conference <input type="checkbox"/> Patent	Guide Name: GARIMA PANDEY			

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2					
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Guide Lines for One Page Abstract:

1. Project Title should be in bold letters maximum of two lines, and the font must be in Times New roman with the size of 22 and it should be in center alignment.
2. The Abstract should have minimum of 150 words and maximum of 250 words.
3. The Abstract should be in Justify alignment, and the font must be in Times New roman with the size of 14 and the line spacing must be in 2.0 exactly.
4. Please refer the next page for the Abstract format.

Facial Detection and the Effect of Ageing

ABSTRACT

In computer vision, generating images of faces that appear to age is a challenging challenge. This is known as a conditional image generation problem because the generated image is dependent on a specified face image. Until recently, generative models were incapable of producing realistic, high-resolution photo simulations. Nevertheless, a generative model known as a generative adversarial network (GAN) has demonstrated remarkable abilities both in absolute and constrained contexts for generating realistic images. Despite this, generating images that display the aging process while preserving the true identity of the individual in the image source is a difficult task due to two contradictory constraints: The image that is produced must maintain the person's identification from the primary image, while also possessing all the characteristics of age targeted. Regarding this study, the authors used a GAN in a conditional setting in conjunction with a custom loss function designed to strike a balance between preserving the individual's identity and generating characteristics of the target age.

Hengas

Signature of Students

For:- A (Cavadi)
24/07/2023

Signature of Guide

(on behalf of Ms. Garima Pandey)