A

Synopsis

On

Image Search using Computer Vision

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1. ABSTRACT

Face recognition and tracking is used in many of the fields these days. It is collaborated in every section of the trade. An application for detecting faces from images and videos can be used in multipurpose activities. The intention of the subject is to study, Face Recognition using Computer Vision. Although face recognition algorithms are inherently complex due to complex environment (illumination, pose, age, color, etc.), we have seen the development of some intelligent and accurate face recognition algorithms to achieve the intended goal.

In this project we intend to develop a system which can be used to search a specific person's image from collection of images, given a person's image as input.

6. REFERENCES

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- Paper by International Conferences on Electronics, Communication and Aerospace Technology (ICECA-2017) on Face Detection and Tracking using OpenCV. Kruti Goyal, ASET, Department of Computer Science and Engineering, Amity University, Nodia, India kaaggoyal@gmail.com, Kartikey Agarwal, ASET, Department of Computer Science and Engineering, Amity University, Nodia, India Ktal36@gmail.com, Rishi Kumar, ASET, Department of Computer Science and Engineering, Amity University, Nodia, India, Rkumar25@amity.edu.

- https://en.wikipedia.org/wiki/Viola-Jones_object_detection_framework

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