Ranjitha v

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CAREER OBJECTIVE

Looking for a challenging role so that I can use my skills and capabilities through sincere dedication and hard work for successful career.

SKILLS

PYTHON,HTML, CSS, BOOTSTRAP.

EXPERIENCE

Apr-2022 - May-2022

Intern

Technofly solutions

Machine learning using python

In this project, we have presented a human tracking system in a real time video environment. To detect the face in the video, we have used Haar Casacaded Classifier technique which is based on Haar-like features.
For the recognition method, we used PCA technique which gives the good result. All the detection and recognition procedures are carried out with the help of Face Name Graph Matching algorithm. To the last part, i.e. for tracking, face clustering algorithms are used. Tracking database is maintained with the help of MsAccess. This is how we describes the successful implementation of face tracking system in real time video as an input.
A template based human detection approach in depth images is proposed. The proposed technique works in three steps. In first step, the depth maps are pre-processed to recover the missing depth values. In second step, the edges from depth data are computed and used to detect the humanhead through a frequency domain based template matching.
The detected human-head region is verified through a 3D model fitting technique. Finally, the entire human body is extracted from the depth images using the region growing algorithm and the proposed segmentation technique. The results of experimental evaluation on three datasets and performance comparison with the state-of-the-art method show that the proposed method can effectively detect and extract multiple persons with various appearances from the depth images. Moreover, the proposed algorithm does not require any prior training, and therefore it is applicable to any depth data without any modification. In future, we plan to develop a GPU based implementation of the proposed algorithm by including the detection of few other human-body parts if human-head is occluded and extend it to activity detection using the extracted silhouette or contours of the peoples.

EDUCATION

Degree/Course	Institute/ College	University/ Board	Percentage/ CGPA	Year of Passing
B.E	Bangalore institute of technology	VTU	6.45 cgpa	2022
Puc	S.N.Bhat PU college	KSEEB	55 %	2016
SSLC	National English public school	KSEEB	68 %	2014

STRENGTHS

Adaptability, Team work, Time management, creative, critical thinking

HOBBIES

Reading books, Dancing, singing.

PERSONAL DETAILS

Address	Bangalore, Karnataka
Marital Status	Single
Languages Known	English Kannada Hindi

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