CO352-Computer Graphics Mini Project

Solving Waldo's Puzzle - Progress 1

OVERVIEW

The project's aim is to solve the Waldo's puzzle, i.e. to find the position of Waldo in an image filled with lots of different characters.

Things Implemented

1. Collected datasets for Waldo's puzzles and Waldo templates.
2. Ran the code for the linear matching methods, and successfully found Waldo in a all images.

Things to be done

1. Train model to learn Waldo's physical features
2. Perform search for Waldo and find his position using the machine learned model

Technologies Used

1. openCV - C++ library
2. tensorflow

References

Steps to check for student understanding

1. The system of face detection based on openCV
   -http://ieeexplore.ieee.org/abstract/document/6242980/
2. Face Detection and Tracking using OpenCV
   -http://www.thesij.com/papers/CNCE/2013/July-August/CNCE-0103540102.pdf
3. Real Time Face Detection using OpenCV
   -http://www.iraj.in/journal/journal_file/journal_pdf/4-54-140014639841-44.pdf