

CSE 473/573 - Computer Vision and Image Processing

Project #3

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Problem 1: Face Detection in the Wild.

In this task, the objective is to detect faces from the given images from the Face Detection Dataset (FDDS). There is a function to detect all faces in an image and is called on all the images present in the test folder. To achieve this, a Haar feature based Cascade Classifier is used (`haarcascade_frontalface_default.xml` cascade is used). Then the `cascades` function `detectMultiScale` is used to find the faces in the images. Some of the sample outputs of the code can be seen in Figure 1.

Score on the Validation Test: 79.7%

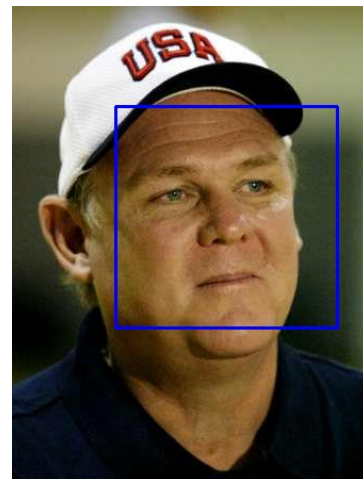


Figure 1: Sample outputs for few of the images from testing folder