Computer Vision Udemy Course

Viola-Jones Algorithm

Stage 1: training

Stage 2: detection

1st: turns picture to gray scale

2nd: box starts at top right corner and moves around the picture looking for features

3rd : box finds probability of face being present

Haar-like Features

-Edge features (eyebrow, nose, eye)

-Line features (mouth)

-Four-rectangle features

A General Framework for Object Detection

Constantine P Papageorgiou

<https://www.superdatascience.com/computer-vision/>