Human pose estimation

Daniil Osokin^a

^aINTEL Corporation

Abstract

Human pose estimation task aims at predicting coordinates of a person's keypoints: shoulders, elbows, knees, ankles, etc. It is useful in different domains, such as action recognition, sports, augmented reality. We will discuss major approaches for human pose estimation based on deep learning. Also it will be shown, how specific pose estimation method can be adopted for the real-time inference on CPU.