

Developed a face recognition application using python, OpenCV, tensorflow and Keras.

- Using transfer learning, achieved extremely high test accuracy for a small training data set with no external preprocessing.
- Successfully developed a method to detect and recognize faces for arbitrary pictures with multiple faces, as well as tilted face.
- Explored direct training, pretraining using LFW with simple CNN and MobileNet, as well as VGGFace.
- Developed and compared CNNs implemented in both tensorflow and Keras.