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🗎 **RiweiChen** / **DeepFace**   👁 Watch ▾ | 85   ★ Star | 606   ⑂ Fork | 339

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Face analysis mainly based on Caffe. At this time, face analysis tasks like detection, alignment and recognition have been done.

deep-learning   face-recognition   face-detection   face-analysis   face-dataset

ⓣ **25** commits	⎇ **1** branch	🏷 **0** releases	👥 **1** contributor

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| 🖼 **RiweiChen** fix face detection bugs		Latest commit `36717f1` on 11 Sep 2016
📁 FaceAge	add new model	11 months ago
📁 FaceAlignment	open source more model	11 months ago
📁 FaceAttrictive/try1_2	add new model	11 months ago
📁 FaceDataset	Update readme.md	a year ago
📁 FaceDetection	fix face detection bugs	10 months ago
📁 FaceExpression/FER	add new model	11 months ago
📁 FaceGender	add new model	11 months ago
📁 FaceProcessing	add new model	11 months ago
📁 FaceRecongnition	open source more model	11 months ago
📁 FaceSmile	add new model	11 months ago
📁 resource	open source more model	11 months ago
📁 util	add new model	11 months ago
📄 .gitignore	add new model	11 months ago
📄 README.md	change	a year ago
📄 README_ch.md	Create README_ch.md	a year ago

📖 **README.md**

DeepFace

a deep face analysis implement, mainly based on -Caffe. At this time, face analysis tasks like detection, alignment and recognition have been done. -中文Readme
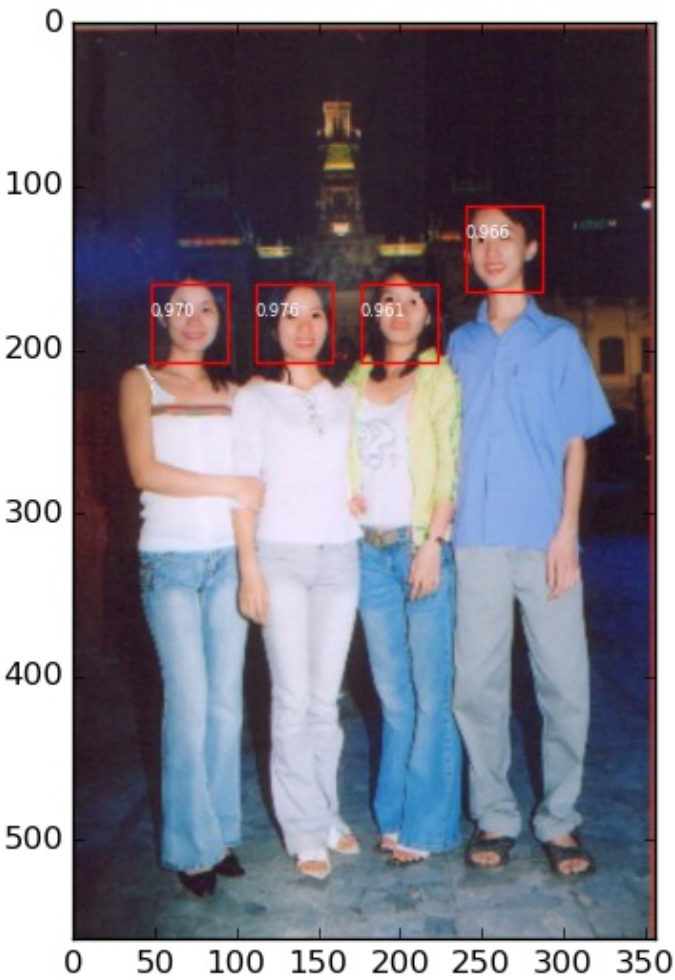
Each task is divide by different folder.

##Face detection

###baseline Face detection using sliding windows style, it first train a face/noface two class classification network, and then tranform to a full convolution network, detection is based on the heatmap when input a large full size image.
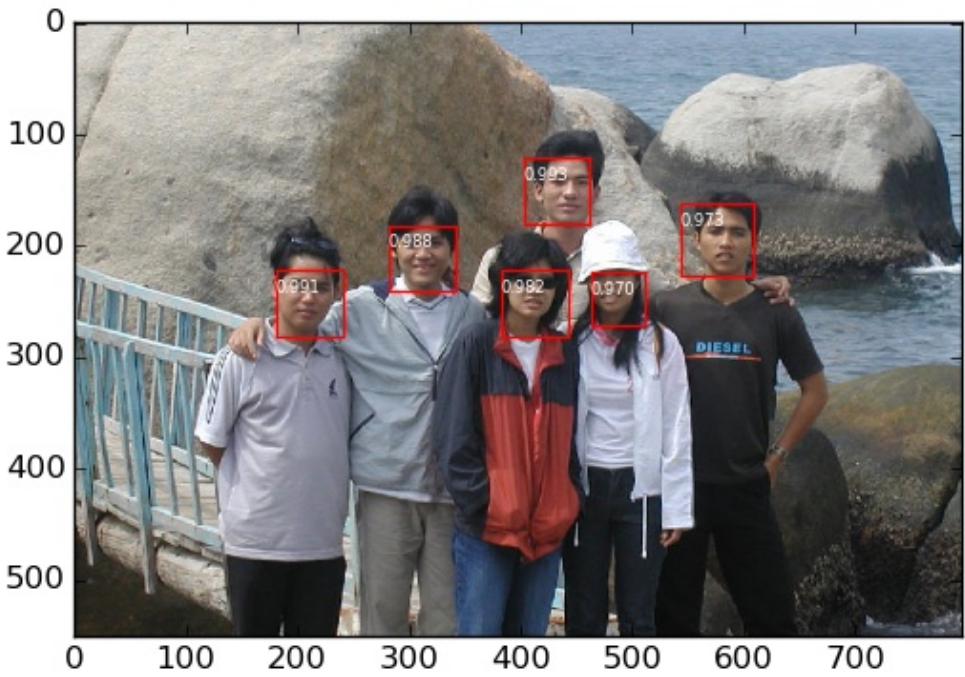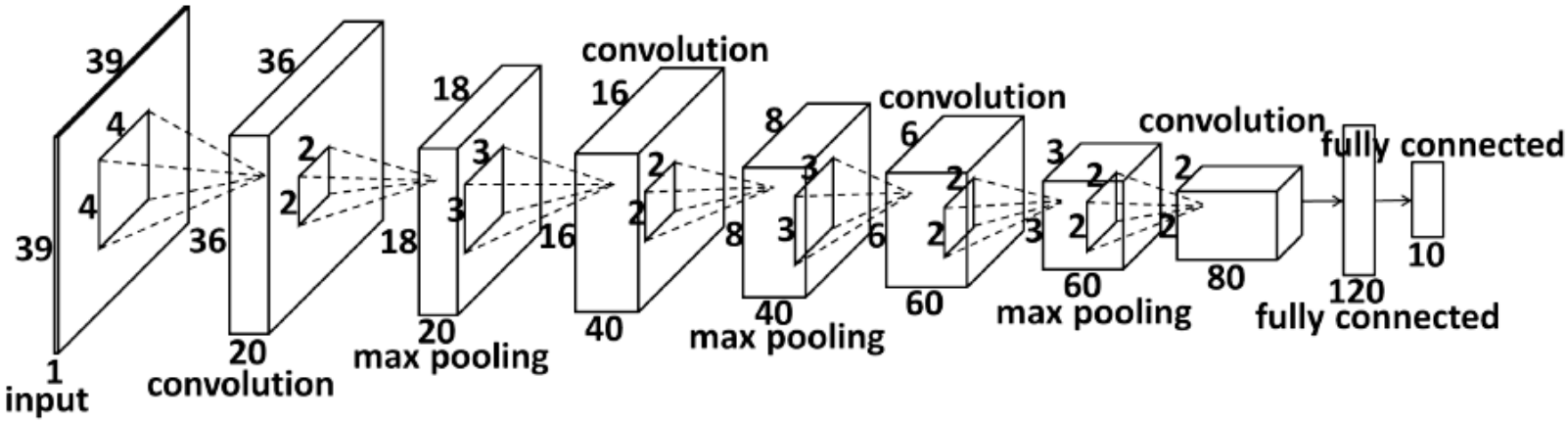
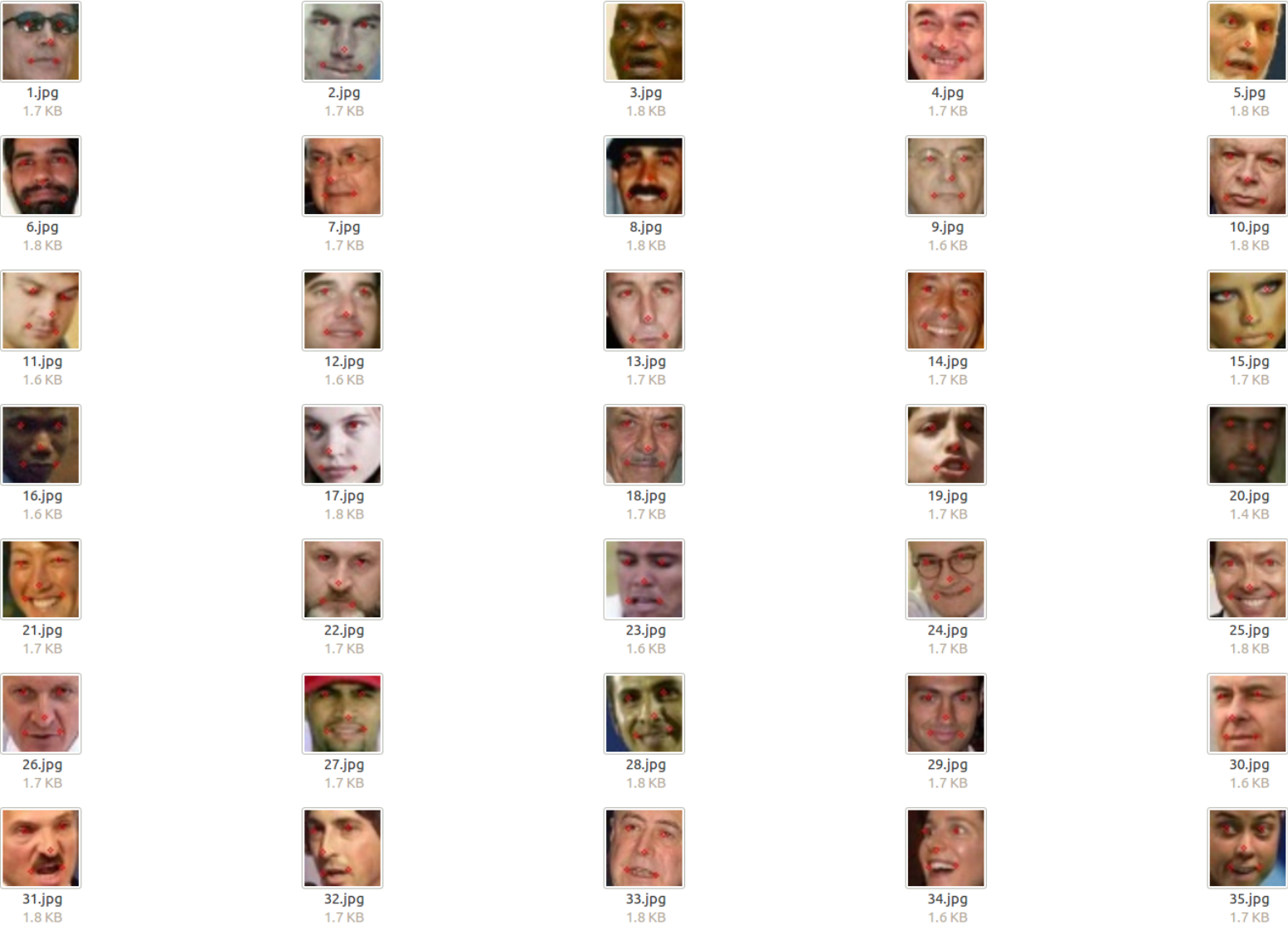face detection result example :

##Face key points detection

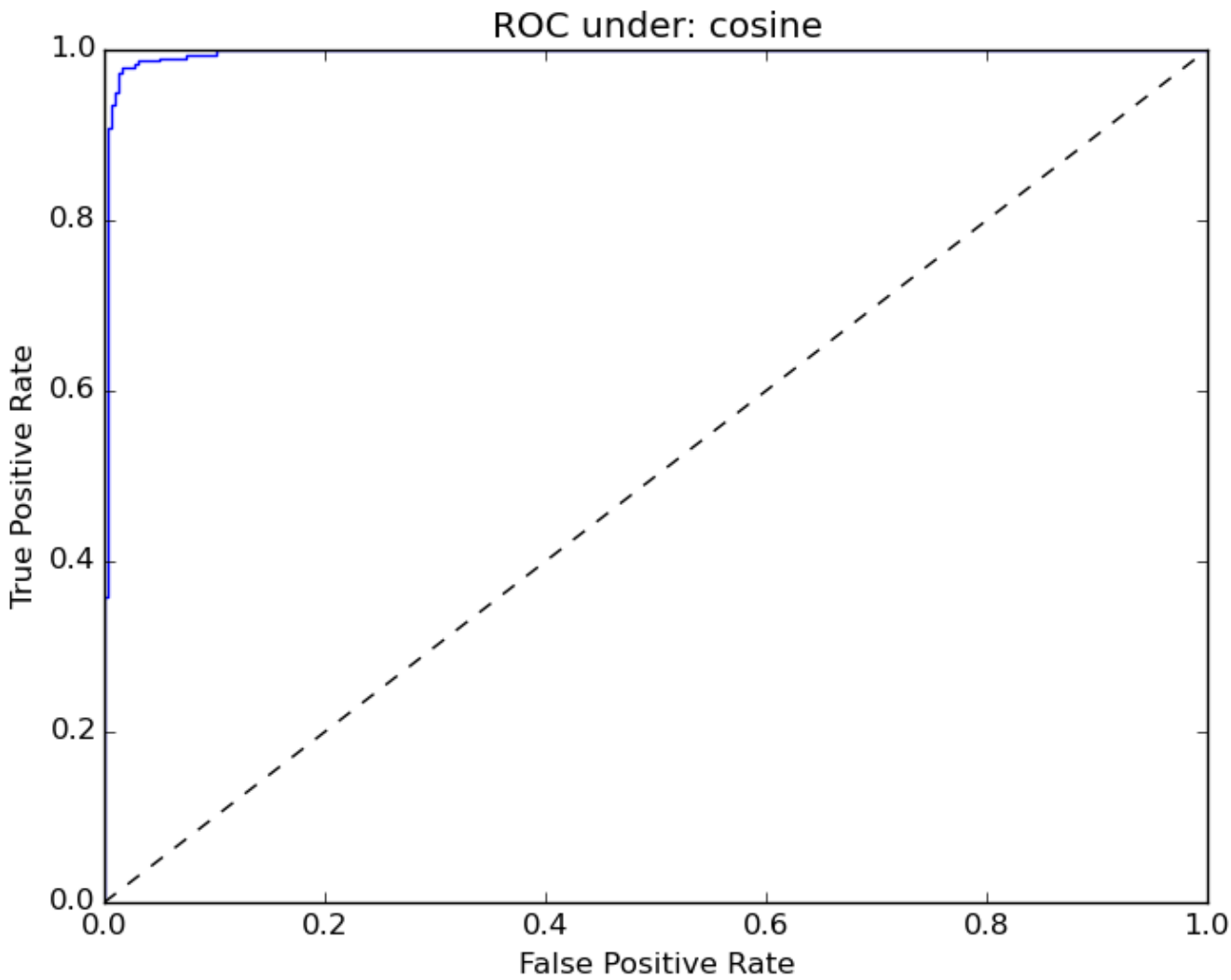###try1_1 face 5 key points detection using DeepID architecture.

face 5 key points detection result example：

##Face Verification ###deepid Face verification based on DeepID network architecture.

face verification ROC result：

Face Dataset

We collect the face datasets usually used by recently years' paper, and divide by different task. Also we simply describe each of the dataset.(In Chinese)

For more implement details, please reference my blog

- 1983的专栏

It is welcome for everyone to make suggestions and improvement.