Jianzhu Guo

Institute of Automation
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INFORMATIONS

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GitHub: https://github.com/cleardusk
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Address: No. 95, Zhongguancun Road, Haidian District, Beijing, China
Interests: Face Analysis, Face Recognition, 3D Face and Deep Learning

EDUCATIONS

2016.09-Now | Ph.D. candidate | Supervisor: Stan Z. Li | National Laboratory of Pattern Recognition (NLPR), Institute of Automation, Chinese Academic of Sciences (CASIA)

2012.09-2016.06 | Bachelor degree | School of Transportation, Southeast University (SEU)

- Ranking 2/28，2015.7 enrolled to NLPR, CASIA in summer camp without entrance examination.

PUBLICATIONS

- **Jianzhu Guo**, Xiangyu Zhu, Zhen Lei, Stan Z. Li, "Face Synthesis for Eyeglass-Robust Face Recognition"，**CCBR**, 2018
- **Jianzhu Guo**, Zhen Lei, Jun Wan et al, "Dominant and Complementary Emotion Recognition From Still Images of Faces"，**IEEE Access**, 2018
- **Jianzhu Guo**, Shuai Zhou, Jinlin Wu, Jun Wan, Xiangyu Zhu, Zhen Lei, Stan Z. Li, "Multi-modality Network with Visual and Geometrical Information for Micro Emotion Recognition"，**FG**, 2017
- Zhen Lei, **Jianzhu Guo**, el at, "Large-scale Deep Learning for NIR-VIS Face Matching"，Submitted to FG 2019.

PROJECTS & COMPETITIONS

- 2016 Face inpainting: Design a two-stage strategy of segmentation-regression based on CNN to remove face dense watermark, thus greatly improving the performance of face verification.
- 2017 HUAWEI Code Craft: Awarded Silver Medal (rank 5th) in Beijing Site.
- 2017 Face Analysis：Win the champion of micro emotion competition in FG 2017.
- 2017-Now IvS Face Recognition: Up to 10 million-scale identities, with the performance of TPR=93%@FAR=1e-6, TPR=85%@FAR=1e-7 of single model.
- 2017-Now NIR-VIS Face Recognition：Achieving the best performace in four public academic database and reach about 95%@FAR=1e-6 in real scene.
- 2018 Watermark IvS Face recognition：One million-scale identities with the performance of TPR=85@FAR=1e-6 in real scene applications.
- 2018 3D Face: Super realtime 3D dense face alignment in https://github.com/cleardusk/3DDFA

SKILLS

- Programming language: Python, C/C++, Matlab, Latex with Caffe, PyTorch
- Platform: Linux & macOS

AWARDS

- 2015 Sample Technology Scholarship
- 2015 Grand Prize (rank 1st) on the 14th National Challenge Cup Theme-Based Competition on "Smart Green Cities"
- 2015 Transportation Design Institute Scholarship
- 2014 National Encouragement Scholarship
- 2014 Honorable Mention Award for Mathematical Contest in Modeling (MCM)
- 2014 Provincial First Prize for China Undergraduate Mathematical Contest in Modeling
- 2014 Third Prize for Programming Contest
- 2014 First Frize (rank 1st) for Short Code Competition
- 2013 National Encouragement Scholarship
- 2013 Second Prize for Transportation Technology Competition