YUE WU

wuyuebupt@gmail.com
Tel: 86-15210830158
http://wuyuebupt.github.io

EDUCATION

M.S. in Beijing Univ. of Posts & Telecom (BUPT)   *Sep. 2013 - present*
School of Information and Communication Engineering
Major in Information and Communication Engineering

Advisor: Yuan Dong

B.S. in Beijing Univ. of Posts & Telecom (BUPT)   *Sep. 2009 - Jul. 2013*
School of Information and Communication Engineering
Major in Electronic Information Engineering

GPA: 85.5/100

RESEARCH EXPERIENCE

Imagenet Large Scale Visual Recognition Challenge 2015(ILSVRC2015)   **2015**
· I am working on this challenge as a team leader.

MS COCO Detection Challenge 2015   **2015**
· I am working on this challenge as a team leader.

Extensive Facial Landmark Detection   **2015**
· Implemented the cascaded convolutional neutral networks to detect 68 facial landmarks.

Face Verification Based on Deep Learning   **2014**
· Participated in collection of 300,000 faces of 10,000 identities.
· Implemented the pre-precoess of all images, including face detection, facial landmarks detection.
· Participated in design of feature extraction based on the convolutional neural network.
· Implemented the Joint Bayesian algorithm for face verification in python.
· The system achieves 97% accuracy on the LFW benchmark.

Cascaded Convolutional Networks for Five Facial Points Detection   **2014**
· Implemented multi-label regression based on the cuda-convnet framework.
· Implemented the cascaded convolutional neutral networks to detect five facial points.

Face Tracking   **2013**
· Participated in design of a face tracking system to automatically generate face tracks in videos.
· Implemented the tracking code, which is the core of the whole system.

WORK EXPERIENCE

France Telecom R&D Center in Beijing   **Mar. 2013 - Dec. 2014**

I worked as a research assistant in Media Search group, mentored by Peng Li, Kun Tao and Hongliang Bai, engaged in face tracking, facial landmark detection, face verification, deep learning.

Beijing Faceall co., LTD.   **Jan. 2015 - present**

I am working as a chief researcher in this startup. Now, I am leading a team to prepare for ILSVRC2015 and MS COCO Challenge 2015.

PUBLICATIONS

Yue W, Yuan D, Peng L, et al. Spatio-temporal constraint for fast face tracking in movies[C]//Network Infrastructure and Digital Content (IC-NIDC), 2014 4th IEEE International Conference on. IEEE, 2014: 208-212.

Dong Y, **Wu Y**. Adaptive Cascade Deep Convolutional Neural Networks for face alignment[J]. Computer Standards & Interfaces, 2015, 42: 105-112.

HONORS AND AWARDS

Graduate Tuition Waiver, Third Grade of Nation Scholarship	2013-2016
Beijing College-student Electronics Design Contest, Beijing Second Prize	2012
The Chinese Mathematics Competitions(CMC) Finals, National Second Prize	2011
Beijing College-student Physics Contest, Beijing First Prize (rank 1st in BUPT)	2010
The Chinese Mathematics Competitions(CMC) Beijing, Beijing First Prize (rank 1st in BUPT)	2010
Excellent Student Award, First-class Scholarship	2009-2010

PROFESSION SKILLS

Good knowledge of machine learning, deep learning and image processing
Three-year Linux development experiences
C/C++, Python, Perl, Shell
Matlab, LaTeX