Yuning Jiang

CONTACT
INFORMATION

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RESEARCH
INTERESTS

- Computer Vision: object detection, face recognition, image search and retrieval
- Machine Learning: deep learning, graph optimization
- Data Mining: social network, recommendation system

EDUCATION

University of Science and Technology of China, Hefei, China

B.Eng. in Electronic Information Engineering   Sep 2006 – Jun 2010

PROFESSIONAL
EXPERIENCE

Megvii Inc. (Face++), Beijing, China

Lead Researcher   Jun 2013 – Present

Nanyang Technological University, Singapore

Researcher   Jul 2010 – May 2013

MOE-Microsoft Key Lab of Multimedia Technology, Hefei, China

Research Assistant   Sep 2008 – Jun 2010

SELECTED
PUBLICATIONS

- Hexiang Hu, Shiyi Lan, **Yuning Jiang**, Zhimin Cao, Fei Sha, "FastMask: Segment Object Multi-scale Candidates in One Shot", **CVPR 2017**. **(Spotlight)**
- Jiayuan Mao, Tete Xiao, **Yuning Jiang**, Zhimin Cao, "What Can Help Pedestrian Detection?", **CVPR 2017**.
- Jiahui Yu, **Yuning Jiang**, Zhangyang Wang, Zhimin Cao, Thomas Huang, "UnitBox: An Advanced Object Detection Network", **ACM Multimedia 2016**.
- Mu Yang, Brian Li, Haoqiang Fan, **Yuning Jiang**, "Randomized Spatial Pooling in Deep Convolutional Networks for Scene Recognition", **ICIP 2015**. **(Oral)**
- **Yuning Jiang**, Jingjing Meng, Junsong Yuan, "Randomized Spatial Context for Object Search", **IEEE Trans. on Image Processing (TIP) 2015**.
- Erjin Zhou, Haoqiang Fan, Zhimin Cao, **Yuning Jiang**, Qi Yin, "Learning Face Hallucination in the Wild", **AAAI 2015**.
- Haoqiang Fan, Mu Yang, Zhimin Cao, **Yuning Jiang**, Qi Yin, "Learning Compact Face Representation: Packing a Face into an int32", **ACM Multimedia 2014**.
- Chaoqun Weng, **Yuning Jiang**, Junsong Yuan, "Direct Mining Co-occurrence Features for Visual Recognition: a Branch and Bound Method", **ICME 2013**. **(Oral)**
- Erjin Zhou, Haoqiang Fan, Zhimin Cao, **Yuning Jiang**, Qi Yin, "Extensive Facial Landmark Localization with Coarse-to-Fine Convolutional Network Cascade", **IC-CVW on 300 Faces in-the-Wild Challenge 2013**. **(Top Winner)**

- **Yuning Jiang**, Jingjing Meng, Junsong Yuan, "Rapid Object Search Engine for Contextual Advertisement", **ACM Multimedia 2012**. (Demo)

- **Yuning Jiang**, Junsong Yuan, Gang Yu, "Randomized Spatial Partition for Scene Recognition", **ECCV 2012**.

- **Yuning Jiang**, Jingjing Meng, Junsong Yuan, "Randomized Visual Phrase for Object Search", **CVPR 2012**.

- **Yuning Jiang**, Jingjing Meng, Junsong Yuan, "Grid-based Local Feature Bundling for Efficient Object Search and Localization", **ICIP 2011**. **(Oral)**

- Jingjing Meng, Junsong Yuan, **Yuning Jiang**, Nitya Narasimhan, Venu Vasudevan, Ying Wu, "Interactive Visual Object Search through Mutual Information Maximization", **ACM Multimedia 2010**.

PATENTS

- Co-inventor with Brian Li, "Picture Management Method and Device, Picture Synchronization Method and Device", *filed 03/2015.*

- Co-inventor with Erjin Zhou, Haoqiang Fan, Zhimin Cao and Qi Yin, "Facial Landmark Localization Using Coarse-to-fine Cascaded Neural Networks", *filed 05/2014.*

- Co-inventor with Haoqiang Fan, Zhimin Cao and Qi Yin, "Compact Face Representation", *filed 05/2014.*

- Co-inventor with Haoqiang Fan, Zhimin Cao and Qi Yin, "Learning Deep Face Representation", *filed 05/2014.*

- Co-inventor with Jingjing Meng and Junsong Yuan, "System and Method for Large Scale Visual Object Search", *filed 05/2012.*

HONORS AND AWARDS

- Winner of COCO Detection, COCO Keypoint Challenges   2017
- Winner of PLACES Instance Segmentation Challenge   2017
- Runner-up of COCO Instance Segmentation Challenge   2017
- Winner of 300 Face in-the-Wild Challenge (300-W)   2013
- Outstanding Graduate Student of USTC   2010
- Outstanding Student Scholarship of USTC   2006-2009

ACADEMIC SERVICE

Reviewer of referred conferences: CVPR, ICCV, ECCV, ICIP, VCIP
Reviewer of referred journals: TIP, TCSVT, TMM, PR