

# Yuning Jiang

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CONTACT INFORMATION	Raycom InfoTech Park, A#319 Chinese Academy of Sciences South Road, Beijing	+86-18612193916 ✉ jiangyuning@outlook.com
RESEARCH INTERESTS	<ul style="list-style-type: none"><li>• Computer Vision: object detection, face recognition, image search and retrieval</li><li>• Machine Learning: deep learning, graph optimization</li><li>• Data Mining: social network, recommendation system</li></ul>	
EDUCATION	<b>University of Science and Technology of China</b> , Hefei, China <i>B.Eng. in Electronic Information Engineering</i>	Sep 2006 – Jun 2010
PROFESSIONAL EXPERIENCE	<b>Megvii Inc. (Face++)</b> , Beijing, China <i>Lead Researcher</i>	Jun 2013 – Present
	<b>Nanyang Technological University</b> , Singapore <i>Researcher</i>	Jul 2010 – May 2013
	<b>MOE-Microsoft Key Lab of Multimedia Technology</b> , Hefei, China <i>Research Assistant</i>	Sep 2008 – Jun 2010
SELECTED PUBLICATIONS	<ul style="list-style-type: none"><li>• Chao Peng*, Tete Xiao*, Zeming Li*, <b>Yuning Jiang</b>, Xiangyu Zhang, Kai Jia, Gang Yu, Jian Sun, "MegDet: A Large Mini-batch Object Detector", <b>CVPR 2018</b>. <b>(Spotlight)</b></li><li>• Xinlong Wang, Tete Xiao, <b>Yuning Jiang</b>, Shuai Shao, Jian Sun, Chunhua Shen, "Repulsion Loss: Detecting Pedestrians in a Crowd", <b>CVPR 2018</b>.</li><li>• Hexiang Hu*, Shiyi Lan*, <b>Yuning Jiang</b>, Zhimin Cao, Fei Sha, "FastMask: Segment Object Multi-scale Candidates in One Shot", <b>CVPR 2017</b>. <b>(Spotlight)</b></li><li>• Jiayuan Mao*, Tete Xiao*, <b>Yuning Jiang</b>, Zhimin Cao, "What Can Help Pedestrian Detection?", <b>CVPR 2017</b>.</li><li>• Jiahui Yu, <b>Yuning Jiang</b>, Zhangyang Wang, Zhimin Cao, Thomas Huang, "UnitBox: An Advanced Object Detection Network", <b>ACM Multimedia 2016</b>.</li><li>• Mu Yang, Brian Li, Haoqiang Fan, <b>Yuning Jiang</b>, "Randomized Spatial Pooling in Deep Convolutional Networks for Scene Recognition", <b>ICIP 2015</b>. <b>(Oral)</b></li><li>• <b>Yuning Jiang</b>, Jingjing Meng, Junsong Yuan, "Randomized Spatial Context for Object Search", <b>IEEE Trans. on Image Processing (TIP) 2015</b>.</li><li>• Erjin Zhou, Haoqiang Fan, Zhimin Cao, <b>Yuning Jiang</b>, Qi Yin, "Learning Face Hallucination in the Wild", <b>AAAI 2015</b>.</li><li>• Haoqiang Fan, Mu Yang, Zhimin Cao, <b>Yuning Jiang</b>, Qi Yin, "Learning Compact Face Representation: Packing a Face into an int32", <b>ACM Multimedia 2014</b>.</li></ul>	

- 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

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| • 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