

Bin-Bin Gao

CONTACT INFORMATION	Nanjing University, Xianlin Campus Mailbox 603 163 Xianlin Avenue, Qixia District Nanjing 210023, China	Phone: +86-18705160956 gaobb@lamda.nju.edu.cn https://csgaobb.github.io/
RESEARCH INTERESTS	Computer Vision, Machine Learning, Deep Learning	
EDUCATION	Nanjing University , Nanjing, China Ph.D., Computer Science and Technology, <i>Expected</i> : Summer 2018 <ul style="list-style-type: none">• Thesis Topic: <i>Deep Learning Based on Incomplete Label for Visual Recognition</i>• Advisors: Prof. Jianxin Wu Southwest University , Chongqing, China M.S., Applied Mathematics, Jun 2013 <ul style="list-style-type: none">• Thesis Topic: <i>Research on Fuzzy Twin Support Vector Machine Classification Algorithm and Its Application</i>• Advisor: Prof. Jianjun Wang	
JOURNAL PUBLICATIONS	<ol style="list-style-type: none">1. Bin-Bin Gao, Chao Xing, Chen-Wei Xie, Jianxin Wu and Xin Geng. “Deep Label Distribution Learning with Label Ambiguity.” <i>IEEE Transactions on Image Processing</i>, 26(6): 2825-2838, 2017.2. Qin-Lin Li, Bin-Bin Gao, Jian-Jun Wang. “Multi-Classification Algorithm for Twin Binary Support Vector Machines.” (in chinese) <i>Journal of Southwest University (Natural Science Edition)</i>, 36(7):162-168, 2014.3. Bin-Bin Gao, Jian-Jun Wang. “Maximum Margin Twin Support Vector Machine for Multi-Class Classification.” (in chinese) <i>Journal of Southwest China Normal University (Natural Science Edition)</i>, 38(10):130-135, 2013.	
CONFERENCE PUBLICATIONS	<ol style="list-style-type: none">1. Hao Yang, Joey Tiany Zhou, Yu Zhang, Bin-Bin Gao, Jianxin Wu and Jianfei Cai. “Exploit Bounding Box Annotations for Multi-label Object Recognition.” <i>IEEE Conference on Computer Vision and Pattern Recognition (CVPR 2016)</i>, Las Vegas, NV, USA, June 2017, pp. 280–288.2. Jianxin Wu, Bin-Bin Gao and Guoqing Liu. “Representing Sets of Instances for Visual Recognition.” <i>AAAI Conference on Artificial Intelligence (AAAI 2016)</i>, Phoenix, Arizona, USA, Feb 2016, pp. 2237–2243.3. Xu Yang, Bin-Bin Gao, Chao Xing, Zeng-Wei Huo, Xiu-Shen Wei, Ying Zhou, Jianxin Wu and Xin Geng. “Deep Label Distribution Learning for Apparent Age Estimation.” <i>ICCV15 ChaLearn Looking at People workshop</i>, Santiago, Chile, 2015, pp. 102–108.4. Xiu-Shen Wei, Bin-Bin Gao and Jianxin Wu. “Deep Spatial Pyramid Ensemble for Cultural Event Recognition.” <i>ICCV15 ChaLearn Looking at People workshop</i>, Santiago, Chile, 2015, pp. 38–44.5. Bin-Bin Gao, Jian-Jun Wang, Yao Wang and Chan-Yun Yang. “Coordinate Descent Fuzzy Twin Support Vector Machine for Classification.” <i>IEEE 14th International Conference on Machine Learning and Applications (ICMLA 2015)</i>, Miami, Florida, USA, 2015, pp. 7–12.	

TECHNICAL REPORTS	1. Bin-Bin Gao , Xiu-Shen Wei, Jianxin Wu, Weiyao Lin. “Deep Spatial Pyramid: The Devil is Once Again in the Details.” <i>arXiv:1504.05277v2</i> , 2015.	
AWARDS	<ul style="list-style-type: none"> • Nanruijibao Scholarship in Nanjing University Nov 2016 • First runner-up in Cultural Event Recognition at ICCV 2015 Dec 2015 • Second-class Academic Scholarship of Nanjing University 2014, 2015 • Outstanding Thesis Award of Southwest University Jun 2013 • Meritorious Winner of Certificate Authority Cup Mathematical Contest in Modeling May 2012 • First-class Academic Scholarship of Southwest University 2011–2012 • Second Prize in China Graduate Mathematical Contest in Modeling Dec 2011 • Outstanding Undergraduates Awards Jun 2010 • Third Prize in China Undergraduate Mathematical Contest (Mathematics, Finals) May 2010 • First Prize in China Undergraduate Mathematical Contest (Mathematics, Preliminaries) Nov 2009 • National Scholarship for Encouragement 2007, 2008 	
PRESENTATIONS	Computer Vision Meetings <ul style="list-style-type: none"> • ICCV15 ChaLearn Looking at People workshop, Santiago, Chile Dec 2015 	
TEACHING ASSISTANTS	<ul style="list-style-type: none"> • Pattern Recognition Spring 2017 Instructor: Prof. Jianxin Wu For undergraduate and graduate students • Probability and Statistics Spring 2017 Instructor: Bin Tang, Ph.D For undergraduate students 	
PROFESSIONAL SERVICE	Reviewer <ul style="list-style-type: none"> • International Conference on Computer Vision (ICCV 2017) • Conference on Computer Vision and Pattern Recognition (CVPR 2017) • AAAI Conference on Artificial Intelligence (AAAI 2016) • Elsevier Journal of Neural Networks (NN) 	
HARDWARE AND SOFTWARE SKILLS	Computer Programming: <ul style="list-style-type: none"> • C, C++, Matlab, Python, Lua, Mathematica, UNIX shell, GNU make, and others 	