

Xiaochen Lian

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Room 8145, Math Sciences Building
University of California, Los Angeles
Los Angeles 90095, CA, United States

Research Interest

Computer vision (object recognition, scene understanding, image retrieval)

Education

University of California, Los Angeles

PhD candidate in Statistics

September 2011 – present

Advisor: Alan L. Yuille¹

Shanghai Jiao Tong University, China

M.S. in Computer Science and Engineering

September 2008 - March 2011

Advisor: Bao-Liang Lu²

GPA: 88.42/100 (overall); 90.19/100 (major)

B.E. in Computer Science and Engineering

September 2004 - July 2008

Thesis title: Gender Recognition Combining Internal and External Features (Best Thesis Award of Dept. of CSE (2/150+))

GPA: 3.77/4.3 (overall); 3.96/4.3 (major)

Research Experience

Research Student

September 2010 - present

University of California, Los Angeles

Advisor: Prof. Alan L. Yuille

Research Student

July 2006 - March 2011

BCMI Lab³ of Shanghai Jiao Tong University

Advisor: Prof. Bao-Liang Lu

Research Intern

July 2009 - April 2010

Web Search and Mining Group of Microsoft Research Asia

Mentor: Lei Zhang

Research Intern

July 2007 - October 2007

System Research Group of Microsoft Research Asia

Mentor: Zheng Zhang

Publications

[1] Mu Li, **Xiaochen Lian**, James Kwok and Bao-Liang Lu, Time and Space Efficient Spectral Clustering via Column Sampling, IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2011

[2] **Xiaochen Lian**, Zhiwei Li, Lei Zhang and Bao-Liang Lu. *Max-Margin Dictionary Learning for Multiclass Image Categorization*. European Conference on Computer Vision (ECCV), 2010

[3] **Xiaochen Lian**, Zhiwei Li, Changhu Wang, Lei Zhang and Bao-Liang Lu. *Probabilistic Models for Supervised Dictionary Learning*. IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2010

[4] **Xiaochen Lian** and Bao-Liang Lu. *Gender Recognition Combining Facial and Hair Information*. International Conference on Neural Information Processing (ICONIP), 2008

[5] Xuezheng Liu, Zhenyu Guo, Xi Wang, Feibo Chen, **Xiaochen Lian**, Jian Tang, Ming Wu, M. Frans Kaashoek, and Zheng Zhang. *D³S: Debugging Deployed Distributed Systems*. 5th USENIX Symposium on Networked Systems Design and Implementation (NSDI), 2008

Honors and Awards

- Tung OOCL Scholarship 2010
- ECCV 2010 Travel Grant 2010

¹ <http://www.stat.ucla.edu/~yuille/>

² <http://bcmi.sjtu.edu.cn/~blu/>

³ <http://bcmi.sjtu.edu.cn/>

- Second Class of National Scholarship of China 2009
- Second Class of National Scholarship of China (highest enrollment scholarship) 2008
- Morgan Stanley Scholarship 2008
- Microsoft Young Fellow 2007
- First Class of Excellent Scholarship Awards of Shanghai Jiao Tong University 2007
- Second Class of Excellent Scholarship Awards of Shanghai Jiao Tong University 2006
- Third Class of Excellent Scholarship Awards of Shanghai Jiao Tong University 2005
- First class of National Olympiad in Informatics, Fujian Province, China 2001--2004
- Third class of National Olympiad in Informatics, Fujian,China 2000

Professional Activities

- Reviewer of IEEE Conference on Computer Vision and Pattern Recognition (CVPR)⁴ 2012
- Reviewer of IEEE International Conference on Computer Vision (ICCV)⁵ 2011
- Reviewer of IEEE Conference on Computer Vision and Pattern Recognition (CVPR)⁶ 2011
- Invited presenter of The 5th Chinese Workshop on Machine Learning and Applications⁷ 5-7 Nov. 2010
- TA of Machine Learning Courses⁸ by Prof. Fei-Fei Li and Prof. Eric Xing 12-16 Aug. 2010
- INRIA Visual Recognition and Machine Learning Summer School⁹, Grenoble, France 26-30 July 2010
- International Computer Vision Summer School¹⁰, Sicily, Italy 6-11 July 2009
- TA of Database Management System Project for ACM Teaching Reform Class Spring 2008
- TA of C++ Programming Language Course for ACM Teaching Reform Class Fall 2009

SKILLS

Programming

Pascal, C++, Java, Matlab, OpenCV, CUDA C, OpenGL

English Proficiency

TOEFL iBT: Reading 29, Listening 27, Speaking 20, Writing 30, **Total 106**

GRE: Verbal 600 (86%), Quantitative 790 (91%), AW 3.5 (26%)

⁴ <http://cvpr2012.org/>

⁵ <http://iccv2011.org/>

⁶ <http://cvpr2011.org/>

⁷ <http://lamda.nju.edu.cn/conf/mla10/>

⁸ <http://bcmi.sjtu.edu.cn/ds/>

⁹ <http://www.di.ens.fr/willow/events/cvml2010/>

¹⁰ <http://svg.dmi.unict.it/icvss2009/>