

XIN LI

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Address: 900 Chelmsford St, Lowell, MA 01851

RESEARCH INTERESTS

My research area includes theoretical machine learning as well as applications, to be more specific:

- Active Learning
- Semantic Understanding (e.g. image, video, and etc.)
- Zero-shot Learning
- Multi-label Classification
- Graphical Models

WORK EXPERIENCE

Data Scientist IV at Kronos

Location: Lowell, MA

Dec 2019 - Present

Principal Data Scientist at Jebbit Inc.

Location: Boston, MA

April 2019 - Dec 2019

Principal Data Scientist at Adelphic (*acquired by Time Inc.*)

Senior Data Scientist

Location: Waltham, MA

February 2017 - April 2019

June 2015 - February 2017

EDUCATION

Temple University, PA

Ph.D. in Computer & Information Science

Member of Center for Data Analytics and Biomedical Informatics

Adviser: Dr. Yuhong Guo

August 2011 - December 2015

SUNY at Buffalo, NY

M.S. in Computer Science & Engineering

Member of Vision and Perceptual Machine Lab

Adviser: Dr. Jason Corso

August 2009 - June 2011

Wuhan University, China

B.S. in Software Engineering

Adviser: Dr. Hongbin Dong

September 2005 - June 2009

AWARDS

Bronze Award, Future of Computing 2015

April 2015

SIAM Travel Grant for SDM 2014

April 2014

IEEE Travel Grant for CVPR 2013

June 2013

Annual Outstanding Graduate Teaching Assistant Award

April 2013

ACADEMIC SERVICE

Program Committee Member of AAAI

Program Committee Member of ACML

Reviewer of IEEE Transaction on Image Processing (TIP)

Program Committee Member of IJCAI

Reviewer of IEEE Transactions on Cybernetics

Reviewer of IET Computer Vision

Reviewer of Elsevier Journal Information Fusion

Reviewer of Elsevier Journal Neurocomputing

Reviewer of IEEE International Conference on CAD/Graphics Special Section of Computers & Graphics

SELECTED PUBLICATION

1. Xin Li, Yuhong Guo, D. Schuurmans *Semi-Supervised Zero-Shot Classification with Label Representation Learning*, International Conference on Computer Vision (ICCV), Santiago, 2015.
2. Xin Li, Yuhong Guo, *Multi-label Classification with Feature-aware Non-linear Label Space Transformation*, International Joint Conference of Artificial Intelligence (IJCAI), Buenos Aires, 2015.
3. Xin Li, Yuhong Guo, *Max-Margin Zero-Shot Learning for Multi-class Classification*, Artificial Intelligence and Statistics (AISTATS), San Diego, 2015.
4. Xin Li, Feipeng Zhao, Yuhong Guo, *Conditional Restricted Boltzmann Machines for Multi-label Learning with Incomplete Labels*, Artificial Intelligence and Statistics (AISTATS), San Diego, 2015.
5. Xin Li, Yuhong Guo, *Multi-level Adaptive Active Learning for Scene Classification*, European Conference on Computer Vision (ECCV), Zurich, 2014.
6. Xin Li, Yuhong Guo, *Bi-Directional Representation Learning for Multi-label Classification*, European Conference on Machine Learning (ECML), Nancy, 2014.
7. Xin Li, Feipeng Zhao, Yuhong Guo, *Multi-label Image Classification with A Probabilistic Label Enhancement Model*, Uncertainty in Artificial Intelligence (UAI), Quebec City, 2014.
8. Xin Li, Yuhong Guo, *Latent Semantic Representation Learning for Scene Classification*, International Conference on Machine Learning (ICML), Beijing, 2014.
9. Xin Li, Yuhong Guo, *Active Learning with Multi-label SVM Classification*, In Proceedings of International Joint Conference of Artificial Intelligence (IJCAI), Beijing, 2013.
10. Xin Li, Yuhong Guo, *Adaptive Learning for Image Classification*, In Proceedings of Conference on Computer Vision and Pattern Recognition (CVPR), Portland, 2013.
11. Xin Li, Yuhong Guo, *An Object Co-occurrence Assisted Hierarchical Model for Scene Understanding*, In Proceedings of British Machine Vision Conference (BMVC), Surrey, 2012