

Xiaopeng LI

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RESEARCH INTERESTS	Machine Learning, Social media, Deep learning, Bayesian methods, Graphical model	
EDUCATION	Hong Kong University of Science and Technology , Hong Kong Ph.D. Candidate, ECE, Sep., 2014 HKUST-NIE Social Media Lab Sun Yat-sen University , Guangzhou, China B.A., Electronics and Information, Sep., 2012	
EXPERIENCE	Teaching Assistant The Hong Kong University of Science and Technology, Hong Kong ELEC2400 in Spring, 2015 ELEC1200 in Fall, 2015 ELEC1020 in Spring, 2016 ELEC6910q in Fall, 2016	
PUBLICATIONS	X. Li, M. Cheung and J. She, "Connection Discovery using Shared Images by Gaussian Relational Topic Model", International Conference on Big Data, IEEE, Dec. 2016. (Accepted) J. Wen, X. Li, J. She, S. Park and M. Cheung, "Visual Background Recommendation for Dance Performances Using Dancer-Shared Images", International Conference on Cyber Physical and Social Computing, IEEE, Dec. 2016.(Accepted) M. Cheung, J. She and X. Li, "Non-user Generated Annotation on User Shared Images for Connection Discovery", International Conference on Cyber Physical and Social Computing, IEEE, Dec. 2015.	
RESEARCH IN PROGRESS	<ul style="list-style-type: none">• Combination of probabilistic generative model and deep neural network for one-shot and on-line/incremental learning with increasing number of classes and streaming input of class images.• Recurrent neural network with attention mechanism for food ingredient and nutrient recognition.• Content-based Image Recommendation with Social Context information using Probabilistic Matrix Factorization	