BO ZHAO

Postdoctoral Research Fellow, Computer Science

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EXPERIENCES

University of British Columbia, Canada	*2018.01.01 – Present*
Postdoctoral Research Fellow	
Disney Research Pittsburgh, US	*2017.10.23 – 2017.12.14*
Lab Associate	
National University of Singapore, Singapore	*2015.09.05 – 2017.08.27*
Visiting Scholar	
Southwest Jiaotong University, China	*2012.09.01 – 2017.09.04*
Ph.D. Candidate in Computer Science, Overall GPA: 3.36/4	
Southwest Jiaotong University, China	*2010.09.01 – 2012.06.31*
M.S. in Computer Applications and Technology*, Overall GPA: 3.51/4	
Southwest Jiaotong University, China	*2006.09.01 – 2010.06.31*
B.S. in Networting Engineering, Overall GPA: 3.67/4	

RESEARCH INTERESTS

Deep Learning, Computer Vision, Generative Models, Multimedia

PUBLICATIONS

1. **Bo Zhao**, Lili Meng, Weidong Yin, Leonid Sigal, **Image Generation from Layout**, submitted to CVPR 2019.

2. Lili Meng, **Bo Zhao**, Bo Chang, Gao Huang, Frederick Tung, Leonid Sigal, **Where and When to Look? Spatio-temporal Attention for Action Recognition in Videos**, submitted to ICLR 2019.

3. **Bo Zhao**, Bo Chang, Zequn Jie, Leonid Sigal, **Modular Generative Adversarial Networks**, ECCV, 2018.

4. **Bo Zhao**, Xiao Wu, Zhi-Qi Cheng, Hao Liu, Zequn Jie, Jiashi Feng, **Multi-View Image Generation from a Single-View**, ACM MM, 2018.

5. Lizi Liao, Xiangnan He, **Bo Zhao**, Chong-Wah Ngo, Tat-Seng Chua, **Interpretable Multimodal Retrieval for Fashion Products**, ACM MM, 2018.

6. Zequn Jie, Pengfei Wang, Yonggen Ling, **Bo Zhao**, Yunchao Wei, Jiashi Feng, Wei Liu, **Left-Right Comparative Recurrent Model for Stereo Matching**, CVPR, 2018.

7. Jun-Yan He, Xiao Wu, Yu-Gang Jiang, **Bo Zhao**, Qiang Peng, **Sketch Recognition with Deep Visual-Sequential Fusion Model**, ACM MM, 2017.

8. Hao Liu, Jiashi Feng, Zequn Jie, Karlekar Jayashree, **Bo Zhao**, Meibin Qi, Jianguo Jiang, Shuicheng Yan, **Neural Person Search Machines**, ICCV, 2017.

9. **Bo Zhao**, Jiashi Feng, Xiao Wu, Shuicheng Yan, **Memory-Augmented Attribute Manipulation Networks for Fashion Search**, CVPR, 2017.

10. **Bo Zhao**, Jiashi Feng, Xiao Wu, Shuicheng Yan, **A Survey on Deep Learning-Based Fine-Grained Object Classification and Semantic Segmentation**, International Journal of Automation and Computing, 2017.

11. **Bo Zhao**, Xiao Wu, Jiashi Feng, Qiang Peng, Shuicheng Yan, **Diversified Visual Attention Networks for Fine-Grained Object Classification**, IEEE Transaction on Multimedia, 2017.

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*Transfered to combined Master/Ph.D program in Sep. 2012

12. **Bo Zhao**, Xiao Wu, Qiang Peng, Shuicheng Yan, **Clothing Cosegmentation for Shopping Images**, IEEE Transaction on Multimedia, 2016.

13. **Bo Zhao**, Yan Zhu, **Formalizing and Validating the Web Quality Model for Web Source Quality Evaluation**, Expert Systems with Applications, 41(7):3306-3312, 2014.

14. Xiao Wu, **Bo Zhao**, Ling-Ling Liang, Qiang Peng, **Clothing Extraction by Coarse Region Localization and Fine Foreground/Background Estimation**, International Conference on Multimedia Modeling, 2013.

15. Yan Zhu, **Bo Zhao**, **Formalization and Goodness-of-fit Analysis of Web Quality Model**, Journal of Southwest Jiaotong University, 47(2):306-312, 2012.

16. Zhao-Rui Liu, Xiao Wu, **Bo Zhao**, **Clothing Extraction Using Region-based Segmentation and Pixel-level Refinement**, IEEE International Symposium on Multimedia, 2014.

PATENTS

1. Xiao Wu, **Bo Zhao**, Ling-ling Liang, Qiang Peng, **Method for Detecting and Extracting Main Target in Cluttered Image**.

2. Xiao Wu, **Bo Zhao**, Ling-ling Liang, Qiang Peng, **Target Clothing Extraction Method Aiming at Shopping Image Retrieval**.

RESEARCH PROJECTS

Sichuan Provincial Science and Technology Innovation Seeding Fund — **PI**
Clothing Visual Search Based on Image Understanding — *Oct. 2014 – Dec. 2015*

Sichuan Provincial Science and Technology Innovation Seeding Fund — **PI**
Cosegmentation for Clothing Images — *Oct. 2012 – Dec. 2013*

National Natural Science Foundation of China — Participant
Cluttered Clothing Image Retrieval and Recommendation — *Jan. 2014 – Dec. 2017*

Sichuan Provincial Science Fund for Distinguished Young Scholars — Participant
Target Extraction of Cluttered Shopping Images — *Jan. 2013 – Dec. 2015*

National College Student Innovation and Practice Project — **Co-PI**
Applications of NS2 in the Teaching of Network Engineering — *Sep. 2008 – Jun. 2009*

HONORS AND AWARDS

Scholarship from China Scholarship Council	*May 2015*
National Scholarship for Graduate Students	*Oct. 2014*
SWJTU Excellent Undergraduate	*Jun. 2010*
National Scholarship	*Nov. 2008*
National Scholarship	*Nov. 2007*

REFEREES

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Jiashi Feng
Assistant Professor at Department of Electronic and Computer Engineering, NUS, Singapore
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