

BO ZHAO

Postdoctoral Research Fellow, Computer Science

The University of British Columbia, Canada

Email: zhaobo.cs@gmail.com Homepage: www.zhaobo.me

EXPERIENCES

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

RESEARCH INTERESTS

Multimedia, Fashion Search, Image Generation, Image Segmentation

PUBLICATIONS

1. Zhi-Qi Cheng, Xiao Wu, Junxiu Li, **Bo Zhao**, **Fashion Expert: Towards Online Clothing Matching**, plan to submitted to IEEE Transaction on Multimedia (TMM), 2017.
2. Jun-Yan He, Xiao Wu, Yu-Gang Jiang, **Bo Zhao**, Qiang Peng, **Sketch Recognition with Deep Visual-Sequential Fusion Model**, ACM Multimedia (MM), Mountain View, USA, 2017.
3. **Bo Zhao**, Xiao Wu, Zhi-Qi Cheng, Hao Liu, Jiashi Feng, **Multi-View Image Generation from a Single-View**, arxiv:1704.04886, 2017.
4. Hao Liu, Jiashi Feng, Zequn Jie, Karlekar Jayashree, **Bo Zhao**, Meibin Qi, Jianguo Jiang, Shuicheng Yan, **Neural Person Search Machines**, International Conference on Computer Vision (ICCV), Venice, Italy, 2017.
5. **Bo Zhao**, Jiashi Feng, Xiao Wu, Shuicheng Yan, **Memory-Augmented Attribute Manipulation Networks for Fashion Search**, IEEE Conference on Computer Vision and Pattern Recognition (CVPR), Honolulu, USA, 2017.
6. **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. (EI Journal)
7. **Bo Zhao**, Xiao Wu, Jiashi Feng, Qiang Peng, Shuicheng Yan, **Diversified Visual Attention Networks for Fine-Grained Object Classification**, IEEE Transaction on Multimedia, 2017. (SCI)
8. **Bo Zhao**, Xiao Wu, Qiang Peng, Shuicheng Yan, **Clothing Cosegmentation for Shopping Images**, IEEE Transaction on Multimedia, 2016 (SCI)
9. **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. (SCI)

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

10. 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 (MMM), Huangshan, China, 2013. (EI Conference)
11. Yan Zhu, **Bo Zhao**, **Formalization and Goodness-of-fit Analysis of Web Quality Model**, Journal of Southwest Jiaotong University, 47(2):306-312, 2012. (EI Journal)
12. Zhao-Rui Liu, Xiao Wu, **Bo Zhao**, **Clothing Extraction Using Region-based Segmentation and Pixel-level Refinement**, IEEE International Symposium on Multimedia (ISM), Tai-chung, Taiwan, 2014. (EI Conference)

PATENTS

1. Xiao Wu, **Bo Zhao**, Qiang Peng, **A Cosegmentation Method for Clothing Shopping Images**.
2. Xiao Wu, **Bo Zhao**, Ling-ling Liang, Qiang Peng, **Method for Detecting and Extracting Main Target in Cluttered Image**.
3. 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 <i>Clothing Visual Search Based on Image Understanding</i>	PI <i>Oct. 2014 – Dec. 2015</i>
Sichuan Provincial Science and Technology Innovation Seeding Fund <i>Cosegmentation for Clothing Images</i>	PI <i>Oct. 2012 – Dec. 2013</i>
National Natural Science Foundation of China <i>Cluttered Clothing Image Retrieval and Recommendation</i>	Participant <i>Jan. 2014 – Dec. 2017</i>
Sichuan Provincial Science Fund for Distinguished Young Scholars <i>Target Extraction of Cluttered Shopping Images</i>	Participant <i>Jan. 2013 – Dec. 2015</i>
Sichuan Provincial Science Fund for Distinguished Young Scholars <i>Content-Based Shopping Image Retrieval</i>	Participant <i>Jan. 2012 – Dec. 2013</i>
National Key Laboratory Project <i>Massive High-speed Train Data Management System</i>	Participant <i>Oct. 2010 – Jan. 2012</i>
National College Student Innovation and Practice Project <i>Applications of NS2 in the Teaching of Network Engineering</i>	Co-PI <i>Sep. 2008 – Jun. 2009</i>

HONORS AND AWARDS

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

REFEREES

Leonid Sigal

Associate Professor at Department of Computer Engineering, UBC, Canada
Email: lsigal@cs.ubc.ca

Jiashi Feng

Assistant Professor at Department of Electronic and Computer Engineering, NUS, Singapore
Email: elefjia@nus.edu.sg