Curriculum Vitae

Guo Quan

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I am Quan Guo, currently a Ph.D. student in Machine Intelligence Lab at College of Computer Science, Sichuan University, China, supervised by Professor Zhang Yi. I also received my Master's degree and Bachelor's degree from Sichuan University in 2013 and 2010 respectively.

Contact Info

Website: http://guoquan.org

Email: guoquanscu@gmail.com

Address:

Room B-320, Basic Teaching Complex Block B
College of Computer Science, Sichuan University
No. 24 South Section 1, Yihuan Road
Chengdu 610065, P. R. China

Education

2013 – present	Sichuan University, *PhD. in Machine Intelligence, Computer science and technology*
2010 - 2013	Sichuan University, *M.S.*
2006 - 2010	Sichuan University, *B.Eng.*

Professional Experience

2014	*Internship,* Institute of Deep Learning (IDL), Baidu Inc.
2013	*Visiting PhD. Student,* Tsinghua University

Professional Activities

Organizations

- Chair, IEEE Chengdu Young Professional Affinity Group

Journal Reviewer

- IEEE Transactions on Neural Networks and Learning Systems (TNNLS)
- IEEE Transactions on Knowledge and Data Engineering (TKDE)
- IEEE Transactions on Cybernetics (TCyb)
- Knowledge-Based Systems
- Neurocomputing
- Frontiers of Computer Science
- Acta Automatica Sinica
- Applied Computational Intelligence and Soft Computing

Conference Reviewer

- International Joint Conference on Neural Networks (IJCNN 2014, 2015, 2016, 2017)
- 2015 National Conference of Theoretical Computer Science (NCTCS 2015) Jinhua, China, Oct. 30 - Nov. 1, 2015
- 2016 International Conference on Frontier of Computer Science and Technology (FCST 2016), Nagasaki, Japan, Nov. 11, 2016

Conference Organization

- Session Chair, 2016 International Conference on Frontier of Computer Science and Technology (FCST 2016), Nagasaki, Japan, Nov. 11, 2016
- Program Committee Member, 2016 International Conference on Frontier of Computer Science and Technology (FCST 2016), Nagasaki, Japan, Nov. 11, 2016

Honors and Awards

2016   IEEE Chengdu Section 2016 Excellent Student Paper Award

2016   SCF 2016 Best Student Paper Award

National Scholarship (for 2009, 2013, 2015, and 2016)

2012   The First Prize Scholarship of Sichuan University for Postgraduates

2009   The First Prize Scholarship of Sichuan University

2008   The IBM Chinese Excellent Student Scholarship

2008   The Wisesoft Scholarship

2009   Double TopTen Classes in Sichuan University (as the class monitor)

2008   Top Ten Student Unions in Sichuan University (as the vice-president of the Student Union)

Publications

Journal Papers

2017

[1] Z. Yi, **Q. Guo**, and J. Wang, "Big data analysis using neural networks," *Advanced Engineering Sciences*, vol. 49, iss. 1, pp. 9-18, 2017. doi:10.15961/j.jsuese.2017.01.002

2016

[2] **Q. Guo**, H. Zhang, and Z. Yi, "High-Order Measurements for Residual Classifiers," *IEEE Transactions on Neural Networks and Learning Systems*, Online Early Access, 2016. doi:10.1109/TNNLS.2016.2515128

[3] **Q. Guo**, J. Jia, G. Shen, L. Zhang, L. Cai, and Z. Yi, "Learning Robust Uniform Features for Cross-media Social Data by Using Cross Autoencoders," *Knowledge-Based Systems*, vol. 102, pp. 64-75, 2016. doi:10.1016/j.knosys.2016.03.028

[4] Y. Sun, H. Mao, **Q. Guo**, and Z. Yi, "Learning a good representation with unsymmetrical auto-encoder," *Neural Computing and Applications*, vol. 27, iss. 5, pp. 1361–1367, 2016. doi:10.1007/s00521-015-1939-3

[5] K. Li, **Q. Guo**, and J. Guo, "Novel Algorithms for Reducing Bladder Volume Estimation Error Caused by Scanning Positions," *International Journal of Computer Mathematics, Online Early Access*, 2016. doi:10.1080/00207160.2016.1184260

2014

[6] 章毅, **郭泉**, 张蕾, and 吕建成, "深度网络和认知计算," *中国计算机学会通讯(CCCF)*, vol. 10, iss. 2, pp. 26-32, 2014.

2013

[7] **Q. Guo**, L. Zhang, S. Wang, and Z. Yi, "Rigid image registration via column sparse optimisation for seal registration," *Electronics letters*, vol. 49, iss. 17, pp. 1069-1071, 2013. doi:10.1049/el.2013.0835

Conference Papers

2016

[1] **Q. Guo**, J. Wang, Y. Chen, and Z. Yi, "Chinese Songci Composing with Recurrent Neural Network," *2016 International Conference on Frontier of Computer Science and Technology (FCST 2016)*, Nagasaki, Japan, Nov. 11, 2016.

2014

[2] H. Lin, J. Jia, **Q. Guo**, Y. Xue, Q. Li, J. Huang, L. Cai, and L. Feng, "User-level psychological stress detection from social media using deep neural network," *in Proceedings of the ACM international conference on multimedia (ACMMM 2014)*, New York, NY, USA, 2014, pp. 507-516. doi:10.1145/2647868.2654945

[3] Z. Ren, J. Jia, **Q. Guo**, K. Zhang, and L. Cai, "Acoustics, content and geo-information based sentiment prediction from large-scale networked voice data," *in Multimedia and expo (ICME 2014), 2014 IEEE international conference on*, 2014.

[4]   H. Lin, J. Jia, **Q. Guo**, Y. Xue, J. Huang, L. Cai, and L. Feng, "Psychological stress detection from cross-media microblog data using deep sparse neural network," *in Multimedia and expo (ICME 2014), 2014 IEEE international conference on*, 2014.