

Zhuang Li

7-2-501, Teacher's Apartment, Hubei University
Wuhan, China
lizhuang144@gmail.com +86 15972226304

Education

The Australian National University Canberra, Australia
Master of Computing (Advanced), Artificial Intelligence 02/2014 – 12/2015
GPA: 6.125/7.0 Rank: top 10%
Master's Thesis: Representation Learning for Weakly Supervised Relation Extraction

Wuhan University of Science and Technology Wuhan, China
Bachelor of Engineering, Electrical Engineering 09/2009 – 06/2013
GPA: 80.02/100 Rank: 44/165

Experience

Microsoft Search Technology Center Asia (STCA) Suzhou, China
Software Development Engineer 06/2017 – current

- Working on language understanding problems in Cortana question answering system and Bing search engine.

Hong Kong Applied Science & Technology Research Institute (ASTRI)
Engineer (Cloud Computing) 09/2016 – 06/2017

- Conducted research on time series prediction with machine learning approaches.
- Developed machine learning algorithms for the trading strategy generation and portfolio management.

Wuhan University Wuhan, China
Visiting Student 07/2016 – 08/2016

- Worked on improving the Twitter semantic similarity measurement systems using the neural probabilistic language model and unsupervised representation learning approaches.

National ICT Australia Ltd (NICTA) Canberra, Australia
Visiting Student 03/2015 – 06/2016

- Conducted master's thesis research.
- Helped develop NICTA's private deep learning toolkit DL-IE, which includes common deep learning algorithms for natural language processing tasks.
- Worked on improving the performance of relation extraction systems using various deep neural relation extraction models and unsupervised representation learning approaches.
- Resulted in one article published in The Australasian Language Technology Association.

Publications

Li, Z., Qu, L., Xu, Q., & Johnson, M. (December 5th, 2016). Unsupervised Pre-training with Sequence Reconstruction Loss for Deep Relation Extraction Models. *The Australasian Language Technology Association*.

Liu, H., Chen, K., & Li, Z., etc. (April 24th, 2013). Design and Implementation of Information Processing System based on STM Single Chip Microprocessor. *Information Technology*.

Huang, Q., Liu, B., Li, Z. (December 25th, 2012). Multi-focus Image Fusion Method based on Three Channels Non-separable Symmetrical Wavelets. *Journal of Hubei University*.

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Programming Languages

Java
Python
C/C++
Scala
Latex
Html

Skills

Machine Learning Application Development
Natural Language Processing Application Development
Relational and NoSQL Database
Concurrent and Distributed Computing
Web Development
Algorithm and Data Structure

Awards

IEEE Xtreme Programming Competition 8.0 The Australian National University
Team Rank: Australia – 2nd, World – Top 100 10/2014

Languages

English (Advanced)
Mandarin (Native Speaker)

Github Link

<https://github.com/deathlee>

References

Dr. Lizhen Qu, Machine Learning Research Group, Data61, Australia (Master's thesis supervisor).
Email: Lizhen.Qu@data61.csiro.au

Professor Donghong Ji, Computer School of Wuhan University, Wuhan University, China.
Email: dhji@whu.edu.cn

Professor Xiaolong Zhang, School of Computer Science & Technology, Wuhan University of Science and Technology, China.
Email: xiaolong.zhang@wust.edu.cn