

Zhuang Li

328 Xinghu St, Suzhou Industrial Park

Suzhou, 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>