



Li, Bofang

Ph.D. candidate

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Education Backgrounds

09/2004-06/2007	Middle School	No.4 Middle School of Mianyang of Sichuan Province	
09/2007-06/2010	High School	Mianyang Nanshan High School of Sichuan Province	
09/2010-06/2014	B.S.	Renmin University of China, Majored in Computer Science	GPA: 3.40/4
09/2014-present	Ph.D.	Renmin University of China, Majored in Computer Science	GPA: 3.79/4
10/2017-present	Visiting Junior Fellow	Tokyo Institute of Technology	

Research Interests

- Machine Learning and Natural Language Processing, especially word and text representations.

Honors and Awards

2007	National Olympiad in Informatics in Provinces, first prize
2008	National Olympiad in Informatics in Provinces, first prize
2009	National Olympiad in Informatics in Provinces, first prize
2008	National Olympiad in Informatics, bronze medal
2009	National Olympiad in Informatics, bronze medal (being recommended for admission to Renmin University)
2009	Asia Pacific Informatics Olympiad, bronze medal
2010	ACM International Collegiate Programming Contest, bronze medal in Fuzhou
2010	ACM International Collegiate Programming Contest, bronze medal in Hangzhou
2011	Mathematical Modeling Contest for college students, second prize of Beijing
2011	The Second Class Scholarship at RUC
2013	Undergraduate Innovative Test Program
2014	Sogou-NDBC Cup on Web-based Entity Relation Extraction, ranked 3 rd
2014	The First Class Scholarship at RUC
2016	China National Scholarship for Ph.D students
2017	Postgraduate Research Funding at RUC
2017	China National Scholarship for Ph.D students

Internship

11/2012	Mind Education Corporation
-12/2012	-Independently develop a recruit system for Mind Education Corporation -Include online registration, interviewing, cultivating, testing, agreement signing and management of employees
6/2013	Microsoft Summer Internship (Search technology center, multi-media team)
-12/2013	-Relational image search results visualization (Flash) -Data sorting and formatting
06/2015	Infosys (Big data team)
-09/2015	-Haier customer analysis, including sentiment analysis, named entity recognition, and relation extraction

Projects

03/2017	Vecto (http://vecto.space)	Core member
	-A reproducible research framework for word, character, sentence embeddings and more! -Pre-trained embeddings, evaluation datasets, evaluation methods, embedding models	
11/2011	"stat-nba" basketball database website (http://www.stat-nba.com)	Leader
	-Implement spider parsers to update NBA statistics of players, teams and games daily -Build apache+mysql+php environment to show data above, offer data query service -80,000+ page views per day	
04/2011	YOU online program auto-judging platform (http://202.112.113.8)	Core member
	-Include nearly 400 C and Java problems	

Skills

- Have deep understanding of algorithms and data structures
- Have rich experience in Java, currently use Python (mainly for Chainer and other deep learning frameworks).

Publications

Bofang Li, Aleksandr Drozd, Satoshi Matsuoka. Scaling Word2Vec with Uniform Word Sampling. Unrefereed Workshop Manuscript, SWoPP, Kumamoto, Japan.

Marzena Karpinska, **Bofang Li**, Anna Rogers and Aleksandr Drozd, Subcharacter Information in Japanese Embeddings: When Is It Worth It, *In proceedings of ACL Student Research Workshop 2018*, Melbourne, Australia.

Bofang Li, Aleksandr Drozd, Tao Liu, Xiaoyong Du. Subword-level Composition Functions for Learning Word Embeddings. *In proceedings of NAACL workshop SCLeM 2018*, New Orleans, Louisiana.

Bofang Li, Tao Liu, Zhe Zhao, Xiaoyong Du. Attention-based Recurrent Neural Network for Sequence Labeling. *In Proceeding of APWeb-WAIM 2018*, Macau.

Anna Rogers, Aleksandr Drozd, **Bofang Li**. The (Too Many) Problems of Analogical Reasoning with Word Vectors, *In proceedings of *SEM 2017*, Vancouver Canada.

Bofang Li, Tao Liu, Zhe Zhao, Aleksandr Drozd, Anna Rogers, Xiaoyong Du. Investigating Different Context Types and Representations for Learning Word Embeddings. *In Proceeding of EMNLP 2017*, Copenhagen, Denmark.

Zhe Zhao, Tao Liu, Shen Li, **Bofang Li**, Xiaoyong Du. Guiding the Training of Distributed Text Representation with Supervised Weighting Scheme for Sentiment Analysis. *Data Science and Engineering*.

Zhe Zhao, Tao Liu, Shen Li, **Bofang Li**, Xiaoyong Du. Ngram2vec: Learning Improved Word Representations from Ngram Co-occurrence Statistics. *In Proceeding of EMNLP 2017*, Copenhagen, Denmark.

Bofang Li, Tao Liu, Zhe Zhao, Puwei Wang, Xiaoyong Du. Neural Bag-of-n-grams. *In Proceedings of AAAI 2017*, San Francisco, California USA.

Bofang Li, Zhe Zhao, Tao Liu, Puwei Wang, Xiaoyong Du. Weighted Neural Bag-of-n-grams Model: New Baselines for Text Classification. *In Proceedings of COLING 2016*, Osaka, Japan.

Bofang Li, Tao Liu, Xiaoyong Du, Deyuan Zhang, Zhe Zhao. Learning Document Embeddings by Predicting N-grams for Sentiment Classification of Long Movie Reviews. *In Proceedings of ICLR 2016 workshop*, San Juan, Puerto Rico.

Zhe Zhao, Tao Liu, **Bofang Li**, Xiaoyong Du. Cluster-Driven Model for Improved Word and Text Embedding. *In Proceedings of ECAI 2016*, Hague, Netherlands.

Zhe Zhao, Tao Liu, Xiaoyun Hou, **Bofang Li**, Xiaoyong Du. Distributed Text Representation with Weighting Scheme Guidance for Sentiment Analysis. *In Proceedings of APWEB 2016*, Suzhou, China.

Hui Sun, **Bofang Li**, Min Jiao. Yoj: An online judge system designed for programming courses. *In Proceedings of ICCSE 2016*, Vancouver, Canada.