

Fei Sun

Curriculum Vitae

CAS Key Lab of Network Data Science and Technology
Institute of Computing Technology, Chinese Academy of Sciences
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EDUCATION

2012– **Institute Of Computing Technology, Chinese Academy Of Sciences.**
Ph.D. candidate in Computer Science
– Research Advisor: Prof. Xueqi Cheng

2009–2012 **Beijing Institute of Technology, School of Computer Science.**
M.S. in Computer Science
– Research Advisor: Prof. Lejian Liao

2005–2009 **Beijing Institute of Technology, School of Software.**
BEng in Software Engineering
– Rank: No.9 out of 213 undergraduates in school of software

RESEARCH INTEREST

Data Mining Distributed Representation
Machine Learning Computational Learning Theory, Machine Learning Algorithms

RESEARCH EXPERIENCE

08/2014–02/2015 **Distributed Word Representation[2], Institute Of Computing Technology.**
We proposed two novel distributional models for word representation using both syntagmatic and paradigmatic relations via a joint training objective.

06–12/2010 **Content Extraction and Web Page Cleaning [4], Beijing Institute of Technology.**
We Proposed a DOM based content extraction approach via text density. The proposed approach improves the quality of structural content extraction of web pages and retains the original structural information in the web page cleaning process.

SKILLS

Programming C/C++, Python, Matlab
Language Chinese (native), English (fluent)

AWARDS & HONORS

11/2012 **IBM China Excellent Student Scholarship.**

12/2011 **Xu Teli Scholarship.**

Greatest Honor of **Beijing Institute of Technology**, Awarded to only 21 out of 30,000 students.

12/2011 **Pacemaker to Outstanding Graduate Students.**

Awarded to the top 1% of each department.

- 07/2009 **Outstanding Graduates of Beijing Institute of Technology.**
Awarded to the top 10% of each department.
- 12/2006 **Third class award of 23th National Physics Contest for College Students.**
Non-physics specialties, Group A
- 07/2006 **Third place in “STAR” programming contest of School of Software.**

HOBBIES

- Reading History, Mathematics, Physics, Science Fiction and Chinese Poetry
- Travel Interesting Places

MEMBERSHIP

ACM Professional Membership

PUBLICATIONS

Yanran Li, Wenjie Li, **Fei Sun**, and Sujian Li. Component-enhanced chinese character embeddings. In *Proceedings of the 2015 Conference on Empirical Methods in Natural Language Processing*, pages 829–834, Lisbon, Portugal, September 2015. Association for Computational Linguistics.

Fei Sun, Jiafeng Guo, Yanyan Lan, Jun Xu, and Xueqi Cheng. Learning word representations by jointly modeling syntagmatic and paradigmatic relations. In *Proceedings of the 53rd Annual Meeting of the Association for Computational Linguistics and the 7th International Joint Conference on Natural Language Processing (Volume 1: Long Papers)*, pages 136–145. Association for Computational Linguistics, 2015.

Dandan Song, **Fei Sun**, and Lejian Liao. A hybrid approach for content extraction with text density and visual importance of dom nodes. *Knowledge and Information Systems*, pages 75–96, 2015.

Fei Sun, Dandan Song, and Lejian Liao. Dom based content extraction via text density. In *Proceedings of the 34th international ACM SIGIR conference on Research and development in Information Retrieval*, SIGIR '11, pages 245–254, New York, NY, USA, 2011. ACM.