Xuemin Duan

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EDUCATION AND EXPERIENCE

University of Copenhagen — Copenhagen, Denmark
Master of Science in IT and Cognition — *Aug 2020 - current*

Zhengzhou University — Zhengzhou, China
Bachelor of Engineering in Computer Science and Technology — *Aug 2016 - May 2020*

Chinese Academy of Sciences — Suzhou, China
Intern, Algorithm Technology Research Department, Institute of Electronics — *Jul 2019 - Sep 2019*
- Participated in the construction of Important People Knowledge Graph

Peng Cheng Laboratory — Shenzhen, China
Intern, Smart Medical Research Group, Artificial Intelligence Research Center — *Feb 2019 - Mar 2019*
- Participated in the construction of Obstetric Medical Knowledge Graph

Natural Language Processing Laboratory of Zhengzhou University — Zhengzhou, China
Part-time Research Assistant — *Sep 2018 - Jun 2020*
- Participated in the Construction of Chinese Medical Knowledge Graph (CMeKG) (National Natural Science Foundation of China)

PUBLICATIONS

1 **Xuemin Duan**, Zan Hongying, Xiaojing Bai, and Christoph Zähner. Reusable Phrase Extraction Based on Syntactic Parsing. Proceedings of the 19th Chinese National Conference on Computational Linguistics (CCL), 2020.

2 Kunli Zhang, Chuang Liu, **Xuemin Duan**, Lijuan Zhou, Yueshu Zhao, and Hongying Zan. BERT with Enhanced Layer for Assistant Diagnosis Based on Chinese Obstetric EMRs. International Conference on Asian Language Processing (IALP), 2019.

3 Tongfeng Guan, Kunli Zhang, **Xuemin Duan**, Hongying Zan, and Zhifang Sui. Construction of the Dictionary of Commonly Used Verbal Semantic Frameworks in Modern Chinese. Chinese Lexical Semantics Workshop (CLSW), 2019.

4 Hongying Zan, Chuang Liu, **Xuemin Duan**, Kunli Zhang, and Yingjie Han. TG network: a model that more effectively identifies the use of the auxiliary word "DE". Chinese Lexical Semantics Workshop (CLSW), 2019.

CONFERENCE PRESENTATIONS

- Proceedings of the 19th Chinese National Conference on Computational Linguistics (CCL), 2020
- International Conference on Asian Language Processing (IALP), 2019

BACHELOR THESIS

Assisted Reading and Writing Algorithms of English Academic Papers | Undergraduate Honors Thesis
- Automated Essay Scoring
- Syntax Parsing

RELATED COURSES

Language Processing, Introduction to Data Science, Neural Information Retrieval, Vision and Image Processing, Data Structure, Scientific Programming, C Programming, Object-oriented Principle and Language(C++), Operating System, Assembly Language, Algorithm Design and Analysis, Design of Database System, Mobile programming, Calculus, Linear Algebra, Dispersive Mathematics, Numerical Mathematics, Probability Theory and Mathematical Statistics, Primary German, etc.