Zhanming Jie

Curriculum Vitae

Personal Information

Name	Zhanming Jie
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Education

2016–2020	**PhD Candidate in Information Systems Technology and Design**, *Singapore University of Technology and Design*, Singapore, Supervisor: Prof. Wei Lu.
2014–2015	**Doctoral Program in Department of Electronic and Computer Engineering**, *The Hong Kong University of Science and Technology*, Hong Kong, Supervisor: Prof. James She.
2010–2014	**Bachelor in School of Automation Engineering**, *University of Electronic Science and Technology of China*, China, *GPA – **3.91**/4. Department Ranking*: **6**/193.

Professional Experience

May 2020 –	**NLP Scientist**, AI Lab, ByteDance Singapore, Supervisor: Hang Li and Wei Lu. Working on natural language understanding
Oct 2019 – Feb 2020	**Research Intern**, DAMO Academy, Alibaba Singapore, Supervisor: Lidong Bing. Worked on low-resource languages
June 2019 – Sept 2019	**Research Intern**, Allen Institute for Artificial Intelligence, Supervisor: Noah Smith. Worked on question answering
Feb 2014 – May 2014	**Research Intern**, Singapore University of Technology and Design, Supervised by Prof. Wei Lu. Worked on multilingual semantic parsing and statistical machine translation.
Dec 2013 –Feb 2014	**Research Assistant**, Shanghai Jiao Tong University, Supervised by Jin Yaohui. Software defined network related research

Activities

1. Active maintainer for **StatNLP Structured Prediction Framework** (https://github.com/sutd-statnlp/statnlp-neural)
2. PC/Reviewers: ACL 2022, ACL 2021, EMNLP 2021, ACL 2020, EMNLP 2020, NLPCC 2020, EMNLP 2019, NAACL 2019, AAAI 2019, EMNLP 2018, PACLIC 2018, IJCNLP 2017, NLPCC 2017, IEEE Transactions on Emerging Topics in Computing

Awards

Feb 2017	**Student Scholarship Award**, AAAI Conference
2016–2020	**SUTD President's Graduate Fellowship**, SUTD
Jul 2015	**Research Travel Grant**, HKUST
2014-present	**Postgraduate Studentship**, HKUST
Aug 2014	**Outstanding Volunteer**, Zhongshan, Guangdong, China
Jul 2014	**Excellent Graduation Thesis** and **Excellent Graduate Student**, UESTC
Mar 2013	**The Innovation Fund's Project** of Oscilloscope High-speed Data Acquisition Channel, UESTC.
Mar 2013	**The Third Prize in "UESTC CUP"** Mobile Application Design Contest
2012–2013	**First-Class People's Scholarship** (Top 6%) UESTC
Oct 2012	**The Second Prize in "Ecovacs"** Intelligent Robot Design Contest, UESTC
2011–2012	**Samsung Enterprise Scholarship** (Top 3%) UESTC
2010–2011	**Awarded The Title of "Eagle Plan"** in School of Automation Engineering, UESTC
2010–2011	**National Inspirational Scholarship** (Top 3%) UESTC

Publications

[1] Yuxiang Zhou, Lejian Liao, Yang Gao, **Zhanming Jie** and Wei Lu. "To be Closer: Learning to Link up Aspect with Opinions." *In Proceedings of EMNLP*. 2021.

[2] Lu Xu, **Zhanming Jie**, Wei Lu and Lidong Bing. "Better Feature Integration for Named Entity Recognition." *In Proceedings of NAACL*. 2021.

[3] Xuefeng Yang, Benhong Wu, **Zhanming Jie**, Yunfeng Liu. "Overview of the NLPCC 2020 Shared Task: AutoIE." *In NLPCC*. 2020.

[4] Liying Cheng, Yan Zhang, Dekun Wu, **Zhanming Jie**, Lidong Bing, Wei Lu, Luo Si. "Knowledge Graph Empowered Entity Description Generation." *In EMNLP*. 2020.

[5] **Zhanming Jie**, and Wei Lu. "Dependency-Guided LSTM-CRF for Named Entity Recognition." *In Proceedings of EMNLP*. 2019.

[6] **Zhanming Jie**, Pengjun Xie, Wei Lu, Ruixue Ding and Linlin Li. "Better Modeling of Incomplete Annotations for Named Entity Recognition." *In Proceedings of NAACL*. 2019.

[7] **Zhanming Jie**, and Wei Lu. "Dependency-based Hybrid Tree for Semantic Parsing." *In Proceedings of EMNLP*. 2018.

[8] Chu Guo, **Zhanming Jie**, Wei Lu and Dario Poletti. "Matrix Product Operators for Sequence to Sequence Learning." *In Physical Review E*. 2018.

[9] **Zhanming Jie**, Aldrian Obaja Muis, and Wei Lu. "Efficient Dependency-Guided Named Entity Recognition." *In Proceedings of AAAI*. 2017.

[10] Ming Cheung, James She and **Zhanming Jie**. "Connection Discovery using Big Data of User Shared Images in Social Media." *IEEE Transactions on Multimedia, 17(9), 1417-1428*. 2015.

[11] **Zhanming Jie**, Ming Cheung and James She. "A Cloud-assisted Framework for Bag-of-Feature Tagging in Social Networks." *In Proceedings of IEEE NCCA*. 2015.

[12] Alvin Junus, Ming Cheung, James She, **Zhanming Jie**. "Community-Aware Prediction of Virality Timing Using Big Data of Social Cascades" *In Proceedings of IEEE BigDataService*. 2015.

[13] **Zhanming Jie**, and Wei Lu. "Multilingual Semantic Parsing: Parsing Multiple Languages into Semantic Representations." *In Proceedings of COLING*. 2014.