

Changzhi Sun

Bytedance AI Lab
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Research Interests

Entity Relation Extraction, Information Extraction
Explainable NLP model
Neural Reasoning in NLP, Neural-Symbolic Computing

Education

Ph.D. Compute Science, East China Normal University, 2019.
B.S. Compute Science, Anhui Normal University, 2014.

Publications

Proceedings

Pre-training Entity Relation Encoder with Intra-span and Inter-span Information
Yijun Wang, **Changzhi Sun**, Yuanbin Wu, Junchi Yan, Peng Gao and Guotong Xie
EMNLP 2020

BiGCNN: Bidirectional Gated Convolutional Neural Network for Chinese Named Entity Recognition
Tianyang Zhao, Haoyan Liu, Qianhui Wu, **Changzhi Sun**, Dongdong Zhan and Zhoujun Li
DASFAA 2020

Joint Type Inference on Entities and Relations via Graph Convolutional Networks
Changzhi Sun, Yeyun Gong, Yuanbin Wu, Ming Gong, Daxin Jiang, Man Lan, Shiliang Sun and Nan Duan
ACL 2019

Distantly Supervised Entity Relation Extraction with Adapted Manual Annotations
Changzhi Sun, Yuanbin Wu
AAAI 2019

Extracting Entities and Relations with Joint Minimum Risk Training
Changzhi Sun, Yuanbin Wu, Man Lan, Shiliang Sun, Wenting Wang, Kuang-Chih Lee, and Kewen Wu
EMNLP 2018

Large-scale Opinion Relation Extraction with Distantly Supervised Neural Network
Changzhi Sun, Yuanbin Wu, Man Lan, Shiliang Sun and Qi Zhang
EACL 2017

Experience

Bytedance *June. 2020 - Present*

Group: AI Lab

Position: Researcher

Host: Hao Zhou and Lei Li

East China Normal University *Sep. 2014 - Dec. 2019*

Group: Natural Language Processing Group

Position: Ph.D candidate

Supervisor: Yuanbin Wu and Shiliang Sun

Thesis: Deep Learning for Joint Entity Relation Extraction

Microsoft Research Asia *Dec. 2018 - May. 2019*

Group: Natural Language Computing (NLC)

Position: Intern

Host: Yeyun Gong and Nan Duan

Project1: Joint Type Inference on Entities and Relations

Project2: Knowledge-based Question Classification

Project3: Title-Keyword Generation

Academic Activities

Conference PC member: ACL(2020), EMNLP(2020), COLING(2020), AAAI(2021).

Secondary reviewer of ACL(2017), EMNLP(2018), AAAI(2019), IJCAI(2019).