TIANXIANG SUN

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EDUCATION

Fudan University　　　　　　　　　　　　　　　　　　*September 2019 - Present*
Ph.D. Student, Computer Science　　　　　　　　　　　　　　　　Shanghai, China
School of Computer Science
Advisor: Prof. Xipeng Qiu & Prof. Xuanjing Huang

Xidian University　　　　　　　　　　　　　　　　　*September 2015 - June 2019*
Bachelor of Engineering, Software Engineering　　　　　　　　　　　　Xi'an, China
School of Computer Science and Technology (Excellent Track)
GPA: 3.8/4.0 (top 1%), Outstanding Graduate

Shengli NO.1 Senior High School　　　　　　　　　　*September 2012 - June 2015*
First Prize of China High School Biology Olympiad　　　　Dongying, Shandong, China

INTERNSHIP

Amazon Web Services　　　　　　　　　　　　　　*October 2019 - August 2020*
Applied Scientist Intern　　　　　　　　　　　　　　　　　　Shanghai, China
Amazon Shanghai AI Lab
Supervisor: Prof. Zheng Zhang

Inspur Group　　　　　　　　　　　　　　　　　　*June 2018 - August 2018*
Software Engineer　　　　　　　　　　　　　　　　　　Jinan, Shandong, China

RESEARCH INTERESTS

My research interests lie in natural language processing and machine learning, specifically in:

- neural based multi-task learning for NLP

- knowledge-aware language understanding

- graph neural network and its application in NLP

PUBLICATIONS

* denotes equal contribution.

CoLAKE: Contextualized Language and Knowledge Embedding
Tianxiang Sun, Yunfan Shao, Xipeng Qiu, Qipeng Guo, Yaru Hu, Xuanjing Huang, Zheng Zhang
Proceedings of the 28th International Conference on Computational Linguistics (**COLING**), 2020

Pre-trained Models for Natural Language Processing: A Survey
Xipeng Qiu, **Tianxiang Sun**, Yige Xu, Yunfan Shao, Ning Dai, Xuanjing Huang
Science China Technological Sciences, 2020

Learning Sparse Sharing Architectures for Multiple Tasks
Tianxiang Sun*, Yunfan Shao*, Xiaonan Li, Pengfei Liu, Xipeng Qiu, Xuanjing Huang
Proceedings of the 34th AAAI Conference on Artificial Intelligence (**AAAI**), 2020, Oral

ACADEMIC SERVICES

Conference Reviewer / PC Member
COLING-2020
AAAI-2021, IJCAI-2021

HONORS & AWARDS

Outstanding Graduate of Xidian University   *June 2019*

Honorable Mention in MCM/ICM   *February 2018*

First Prize of National MCM (Shaanxi division)   *October 2017*

Principal Scholarship in School of Computer Science and Technology (four times)   *2017 - 2019*

First Prize Scholarship of Xidian University (four times)   *2015 - 2018*

First Prize in China High School Biology Olympiad   *June 2014*