

TIANXIANG SUN

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EDUCATION

Fudan University

Ph.D. Student, Computer Science

School of Computer Science

Advisor: Prof. Xipeng Qiu & Prof. Xuanjing Huang

September 2019 - Present

Shanghai, China

Xidian University

Bachelor of Engineering, Software Engineering

School of Computer Science and Technology (Excellent Track)

GPA: 3.8/4.0 (top 1%), Outstanding Graduate

September 2015 - June 2019

Xi'an, China

Shengli NO.1 Senior High School

First Prize of China High School Biology Olympiad

September 2012 - June 2015

Dongying, Shandong, China

INTERNSHIP

Amazon Web Services

Applied Scientist Intern

Amazon Shanghai AI Lab

Supervisor: Prof. Zheng Zhang

October 2019 - August 2020

Shanghai, China

Inspur Group

Software Engineer

June 2018 - August 2018

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

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

The 34th AAAI Conference on Artificial Intelligence (**AAAI**), 2020, Oral

ACADEMIC SERVICES

Conference Reviewer / PC Member

COLING-2020

ACL-2021, AACL-2021, IJCAI-2021

HONORS & AWARDS

National Scholarship for Graduate Student

October 2020

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