

# TIANXIANG SUN

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## EDUCATION

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### Fudan University

Ph.D. Student, Computer Applied Technology  
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 Engineer 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

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### Amazon Web Services

Applied Scientist Intern  
Amazon Shanghai AI Lab  
Supervisor: Prof. Zheng Zhang

*October 2019 - Present*

Shanghai, China

### Inspur Group

Software Engineer

*June 2018 - August 2018*

Jinan, Shandong, China

## RESEARCH INTERESTS

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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

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*\* denotes equal contribution.*

### 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

## TECHNICAL SKILLS

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### Languages

Mandarin, English

### Programming

C/C++, Python, Matlab, LaTeX, PyTorch, SQL

## HONORS & AWARDS

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Outstanding Graduate of Xidian University	<i>June 2019</i>
Honorable Mention in MCM/ICM	<i>February 2018</i>
First Prize of National MCM (Shaanxi division)	<i>October 2017</i>
Principal Scholarship in School of Computer Science and Technology (four times)	<i>2017 - 2019</i>
First Prize Scholarship of Xidian University (four times)	<i>2015 - 2018</i>
First Prize in China High School Biology Olympiad	<i>June 2014</i>