

Tianyu Gao

UNDERGRADUATE STUDENT · TSINGHUA UNIVERSITY

4-506, Information Science and Technology Building, Tsinghua University, Beijing 100084, P.R.China

☎ (+86) 139-6307-0804 | ✉ gaotianyu1350@126.com | 🏠 gaotianyu.xyz | 📷 gaotianyu1350

Education

Tsinghua University

B.E., COMPUTER SCIENCE AND TECHNOLOGY

- Member of the Student Union and the Student Association of Science and Technology.

Beijing, China

Aug. 2016 - Present

Publications

Tianyu Gao, Xu Han, Zhiyuan Liu and Maosong Sun. *Hybrid Attention-Based Prototypical Networks for Noisy Few-Shot Relation Classification*

Honolulu, Hawaii, USA

TO APPEAR IN PROC. 33RD AAAI CONFERENCE ON ARTIFICIAL INTELLIGENCE, 2019

Jan. 2019

- Tackle the problem of few-shot relation classification in noisy scenario.
- Add instance-level attention and feature-level attention to Prototypical Networks.
- Achieve great improvement on accuracy and convergence speed compared to baseline models.

Projects

OpenNRE: An Open-Source Package for Neural Relation Extraction

[HTTPS://GITHUB.COM/THUNLP/OPENNRE](https://github.com/THUNLP/OPENNRE)

Mar. 2018 - Present

- 1.1k stars on Github.
- Provide an easy-to-modify framework for relation extraction.
- Implement several neural methods for relation extraction.

NREpapers: A Paper List for Neural Relation Extraction

[HTTPS://GITHUB.COM/THUNLP/NREPAPERS](https://github.com/THUNLP/NREPAPERS)

Jul. 2018 - Present

- Include important papers in relation extraction and will continue to be updated.

FewRel: FewRel Dataset, Toolkits and Baseline Models

[HTTPS://GITHUB.COM/THUNLP/FEWREL](https://github.com/THUNLP/FEWREL)

Jul. 2018 - Sept. 2018

- FewRel is a large-scale few-shot relation extraction dataset.
- I helped with implementing the toolkits and several baseline models.

Experiences

Tsinghua Natural Language Processing and Computational Social Science Lab

UNDERGRADUATE STUDENT

Beijing, China

Jan. 2018 - Present

- Under the guidance of Prof. Zhiyuan Liu.
- My research interests are knowledge computing and relation extraction.

Huawei Technologies Noah's Ark Lab

INTERN

Beijing, China

Dec. 2018 - Present

- Research on BERT with knowledge embedding.

Momenta

INTERN

Beijing, China

May. 2017 - May. 2018

- Research on semantic segmentation.

Honors & Awards

SCHOOL

2018 **Academic Excellence Scholarship**, Tsinghua University

Beijing, China

2018 **Social Work Scholarship**, Tsinghua University

Beijing, China

DOMESTIC

2016 **Silver Prize**, National Olympiad in Informatics

Hangzhou, China

2016 **Golden Prize**, National Olympiad in Informatics Top Competition

Beijing, China

2016 **Silver Prize**, Asia-Pacific Informatics Olympiad (China Division)

Beijing, China