

Your Name

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SUMMARY

Undergraduate at Tianjin University. Research assistant in THUNLP Lab, Tsinghua University. Focusing on various natural language processing topics.

WORK EXPERIENCE

THUNLP Lab, Tsinghua University

Apr 2022 - Present

Research Assistant

- **Snowball-QA Project.** Generate high-quality and large-scale QA data.
- **WebCPM Project.** Build the first Chinese Long-form question answering data set. Fathom the inner workings of WebGPT through in-depth analyses. Demonstrate its applicability in Chinese.
- Supervisors: Zhiyuan Liu, Xu Han, Huadong Wang, Yujia Qin.

Baidu NLP, DQA group

Oct 2021 - Apr 2022

Research and Development Intern

- **Deep Question-Answering** on search engine. Optimize the first search result using cross-encoder to rank the candidates. Improve the ranking model's robustness with unsupervised strong negatives.
- **Model Distillation** to business. Assist in the application of question-answering technology in search engine in industry. Distill Ernie2.0 into 2-layer encoder model with minimal performance difference.
- **Paper Reproduction.** Using Paddlepaddle to reproduce papers in the fields of computer vision and natural language processing.
- Mentors: Jing Liu, Yuchen Ding.

PROJECTS

Project Snowball-QA

Propose a iterative bootstrapping framework that can continually generate high-quality and large-scale QA data. Equip [CPM-Ant+](#) with question-answering ability by pre-training with the auto-generated data, support CPM-Bee the same way with data of better quality and larger scale.

Project WebCPM

[Demo](#)

The first Chinese Long-form question answering data set, with retrieved information based on interactive web search. Collected 5500 question-answer pairs, together with the supporting facts and human behaviors, with web search behaviors recorded. QA Pipeline launched on [Zhihu](#) and has high star answers to the hot issues on Zhihu.

EDUCATION

2018 - 2022 B.Eng (Subject) at **Tianjin University**

(GPA: 3.49/4.0)

AWARDS AND HONORS

2020 Advanced Individual in Academic Progress of TJU

2021 **First Prize**(Paper Reproduction Challenge of China Society of Image and Graphics)