

Hongjin Qian

PhD. student at
Gaoling School of Artificial Intelligence
Renmin University of China

ian@ruc.edu.cn
chien.io
+86 13051011770

Education

Renmin University of China

PhD. Student in Artificial Intelligence (Supervised by Prof. Zhicheng Dou and Prof. Ji-Rong Wen)

Beijing, China
Sept. 2020 – Present

University of Sydney

Master of Information Technology, Major in Data Management and Analytics

Sydney, Australia
Jul. 2017 – Jan. 2019

Nankai University

Bachelor of Science, Major in Electronic information Science and Technology

Tianjin, China
Sept. 2013 – Jun. 2017

Experience

PhD. Researcher

Gaoling School of Artificial Intelligence, Renmin University of China

- Retrieval-Based Personalized Chatbot
- MRC and Conversational QA
- Query Resolution and Clarification

Sept. 2020 – Present
Beijing, China

NLP Researcher

Beijing Academy of Artificial Intelligence

- QA System dedicated in Governance Domain
- Dense Vector Search
- Fine-Grained Named Entity Recognition

Jun. 2020 – Mar. 2021
Beijing, China

NLP Engineer

Elens.AI

- Core NLP Toolkit for Chinese, English and Uyghur
- NLP Applications in Multiple Domains (Financial, Security, Media etc.)
- Large-Scale Pretrained Language Model and Text Generation

Jan. 2019 – Sept. 2020
Beijing, China

Publications

* indicates equal contribution.

Pchatbot: A Large-Scale Dataset for Personalized Chatbot. SIGIR 2021

Hongjin Qian, Xiaohe Li, Hanxun Zhong, Yu Guo, Yueyuan Ma, Yutao Zhu, Zhanliang Liu, Zhicheng Dou and Ji-Rong Wen

Speaker or Listener? The Role of a Dialog Agent. Findings of the Association for Computational Linguistics: EMNLP 2020

Yafei Liu*, Hongjin Qian*, Hengpeng Xu, Jinmao Wei

Patents

A Latin-alphabet-based Uyghur language processing method and system (CN111428509A)

Hongjin Qian, Zhen Huang, Zhicheng Dou, Zhanliang Liu

A method for long text retrieval in open-domain question answering tasks (CN111881264A)

Hongjin Qian, Zhanliang Liu, Zhicheng Dou, Jiajun Liu

Optical character recognition method incorporating pretrained language model (CN111738251A)

Hongjin Qian, Zhanliang Liu, Zhicheng Dou, Jiajun Liu

A method for Uyghur language Named Entity Recognition (CN111814433A)

Hongjin Qian, Zhanliang Liu, Zhicheng Dou, Jiajun Liu

A semantic parsing method based on rules and learning (CN112347793A)

Hongjin Qian, Xiaotong Li, Zhanliang Liu, Yushu Yang, Zhicheng Dou, Gang Cao, Ji-Rong Wen

A method for Pinyin-based Chinese language representation (CN110162789A)

Zhicheng Dou, Hongjin Qian, Zhen Huang

A natural language processing method and system based on index data (CN111488423A)

Zhanliang Liu, Hongjin Qian, Zhicheng Dou, Jiajun Liu

A natural language semantic representation method based on function declaration (CN111967247A)

Zhanliang Liu, **Hongjin Qian**, Zhicheng Dou

Multi-source NL2SQL system based on semantic rules and multi-dimensional model (CN112559550A)

Zhi Li, **Hongjin Qian**, Zhanliang Liu

A document-ranking method for text retrieval (CN111930928A)

Yu Zhang, **Hongjin Qian**, Zhanliang Liu, Zhicheng Dou

A method for extracting text from image document (CN112036406A)

Yuanyuan Huang, **Hongjin Qian**, Zhanliang Liu, Zhicheng Dou

A semantic retrieval method (CN112035730A)

Yang Zhou, **Hongjin Qian**, Zhanliang Liu, Zhicheng Dou

A method for quickly realizing NL2SQL based on vectorized semantic rules (CN112001188A)

Chaofeng Xiao, Zhi Li, **Hongjin Qian**, Zhanliang Liu, Zhicheng Dou

A method for testing interface performance (CN111881060A)

Huan Zhang, Zhi Li, **Hongjin Qian**, Zhanliang Liu

Technical Skills, Language Skills

Programming Languages: Python, C, Go

Deep Learning Framework: Pytorch, Tensorflow, PaddlePaddle

Writing: \LaTeX , Office

Languages: Chinese (native), English (fluent)

Last updated: April, 2021