

Dehai Min

 Github |  Homepage |  Google Scholar |  dmin0007@student.monash.edu

EDUCATION

- Southeast University** 09/2022 - present
M.S. in Artificial Intelligence. WAM: 85.60/100. Advisor: [Guilin Qi](#)
- Monash University** 09/2022 - present
M.S. in Artificial Intelligence. WAM: 80.88/100 (High Distinction). GPA:3.5/4.0
- Hefei University** 09/2017 - 06/2022
B.S. in Electronic and Information Engineering. WAM: 84.44/100

RESEARCH INTERESTS

Natural Language Processing, Large Language Models, Knowledge Graphs, Question-Answering Systems, Table Understanding, Retrieval Augmented Generation.

PUBLICATIONS

* Refers to the authors having the equal contribution, and should be considered as co-first authors.

- Dehai Min***, Nan Hu*, Rihui Jin, Nuo Lin, Jiaoyan Chen, Yongrui Chen, Yu Li et al. [Exploring the Impact of Table-to-Text Methods on Augmenting LLM-based Question Answering with Domain Hybrid Data](#) (NAACL 2024).
- Yiming Tan*, **Dehai Min***, Yu Li, Wenbo Li, Nan Hu, Yongrui Chen, and Guilin Qi. [Can ChatGPT replace traditional KBQA models? An in-depth analysis of the question answering performance of the GPT LLM family](#) (ISWC 2023), [Code](#).
- Nan Hu, Yike Wu, Guilin Qi, **Dehai Min**, Jiaoyan Chen, Jeff Z. Pan, and Zafar Ali. [An empirical study of pre-trained language models in simple knowledge graph question answering](#) (WWW Journal 2023), [Code](#).
- Jiaqi Li, Chuanyi Zhang, Miaozeng Du, **Dehai Min**, Yongrui Chen, and Guilin Qi. [Three stream based multi-level event contrastive learning for text-video event extraction](#) (EMNLP 2023).
- Yu Li, Shenyu Zhang, Rui Wu, Xiutian Huang, Yongrui Chen, Wenhao Xu, Guilin Qi, and **Dehai Min**. [MATEval: A Multi-Agent Discussion Framework for Advancing Open-Ended Text Evaluation](#) (DASFAA 2024).
- Rihui Jin, Yu Li, Guilin Qi, Nan Hu, Yuan-Fang Li, Jiaoyan Chen, Jianan Wang, Yongrui Chen, and **Dehai Min**. [HGT: Leveraging Heterogeneous Graph-enhanced Large Language Models for Few-shot Complex Table Understanding](#) (preprint 2024.03).

WORK IN PROGRESS

- Yiming Tan*, **Dehai Min***, Huikang Hu, Nuo Lin, Guilin Qi, Sheng Bi et al. [ELLMKGQA: Evaluation Framework of Large-language Model as Knowledge Graph on Question-Answering](#) (submitted, under review).

PROJECT EXPERIENCE

Research Project Collaborate with the ICT Industry

12/2022 - 06/2024

Project Name: Complex Knowledge Modeling Extraction and Intelligent Question Generation Technology Based on Multi-task Pre-trained Language Models

I am the student leader responsible for the following tasks:

1. Multi-task Pre-trained Language Models Enhanced with Domain(or Industry) Knowledge
2. Model Distillation for Domain-specific LLM
3. Fine-tuning Domain Foundation Models for Intention Recognition Task
4. Enhancing Multi-turn Dialogue Performance of Domain-specific LLM

AWARDS & HONORS

Scholarships (selected)

Southeast University Alumni Scholarship , China

Oct. 2023

University-level first-class scholarship (top 10% of students in the school), China

Oct. 2020

National Encourage Scholarship, China

Oct. 2019

Competitions

ACM-ICPC (International Collegiate Programming Contest)
Asian Regional Contest (Shanghai Site and others)

2019-2020, **Silver Medal**
[individual/team](#)

CCPC-Finals (China Collegiate Programming Contest National Finals)

2019, **Silver Medal**
21st Place

16th Baidu Star Programming Contest
National Semi-Finals

2019, **154th Place**
(154/13900+)

Anhui Province Collegiate Programming Contest

Champion (1 Time, 2020)
First Prize (2 Times, 2019, 2020)

Codeforces Rating

2108 (Master), [link](#)