

YUEHAN ZHANG

✉ john.fohim@gmail.com · ☎ (+86) 173-629-97735 ·

EDUCATION

Wuhan University (WHU), Wuhan, China 2021 – Present

Master student in Data Science, GPA 3.45/4(**Average Score 88.21**), expected June 2024

Wuhan University (WHU), Wuhan, China 2017 – 2021

Bachelor in Library Science, **GPA 3.81/4**

PROJECT EXPERIENCE

On the Understanding of Argumentative Zoning of Scientific Documents Based on Deep Learning

Bachelor Graduation Thesis

Brief introduction: Long document summarization task. Constructed a structured full text dataset containing 370,000 scientific paper using PubMed-OA. Applied a divide and conquer framework for BART model fine-tuning and Rouge-L increased by 5 percentage points.

Construction of Data Platform and Deep Mining of Foreign Parliamentary Data

MySQL, Python National level Student Project

Brief introduction: Designed the database structure and implemented it with MySQL. Deployed the server. Data Platform is <http://parliament.whu.edu.cn>. Interviewed members of the Ministry of Foreign Affairs about the platform. Visualized the relationship between nations or organizations from the perspective of British Parliament using network analysis tools based on texts of parliaments.

PUBLICATIONS

Peer-reviewed journal and conference papers

- Wei Lu, Yan Ren, Yong Huang, Yi Bu, **Yuehan Zhang**. Scientific collaboration and career stages: An ego-centric perspective. *Journal of Informetrics*. DOI:10.1016/j.joi.2021.101207
- **ZHANG Yuehan**. Bibliometric Analysis of the Retracted Papers between 2012-2018 from China. *Library Tribune*, 2021,41(11):52-59.

Ongoing

- Dying of detection: Is text generated by AI detectable?

PRESENTATION

- Junling Wang, **Yuehan Zhang**, Jiani Huang, Jiayu Shen, Yiyang Wang, Jiamin Wang, Jiming Hu, and Wei Lu. Analyzing International Relations from British Parliamentary Debates. In *Proceedings of the ACM/IEEE Joint Conference on Digital Libraries in 2020 (JCDL'20)*. Association for Computing Machinery. (**Poster**)
- **Yuehan Zhang**. Bibliometric analysis of retracted publications between 2012-2018 in China. Workshop 7-1 Data-driven Smart Library in China, JCDL'20. Association for Computing Machinery. (**Oral Presentation**)

SKILLS

- Programming Languages: Python > Java > VBA == SAS
- Platform: Linux(Ubuntu)
- HuggingFace, Pytorch, Cloud Services such as object storage, Git
- Crawlers and Browser Automation(Selenium), Task Automation on Windows(AutoIt)
- LLM related: Fine-tuning, Multi-card training(DeepSpeed), Instruction Tuning, Prompt Engineering

HONORS AND AWARDS

| | |
|---|---------------------|
| <i>3rd Prize</i> , CAIL(Chinese Challenge of AI in Law) 2022, Legal News Summarization Track | Dec. 2022 |
| National Encouragement Scholarship | 2018-2019,2019-2020 |
| <i>2nd Prize</i> , Scholarship Wuhan University | 2018-2019,2019-2020 |
| <i>3rd Prize</i> , Scholarship Wuhan University | 2017-2018 |
| <i>Merit Student</i> , Wuhan University | 2017-2020 |
| <i>3rd Prize</i> , SAS China Data Analysis Championship, SAS Greater China | 2020 |
| <i>2nd Prize</i> , 2019 NCIECC, OVERSEAS ENGLISH | Dec. 2019 |
| <i>Excellence Award</i> of the 2 nd National University Data-Driven Innovation Competition | May. 2019 |
| <i>1st Prize</i> of IEEE Xplore Search Contest | 2018 |

PROFESSIONAL EXPERIENCE

Internship

Research Assistant Intern in Semantics Mining based on Deep Learning Group, The Wuhan Branch of the National Science Library, Chinese Academy of Sciences. Jun. 2020-Sep. 2020
Brief introduction: Designed research protocol;Crawled medical news text for BERT fine-tuning.

Voluntary Work

Venue Volunteer for the 7th CISM Military World Games Oct. 2019
Technical Volunteer for the ACM/IEEE Joint Conference on Digital Libraries(JCDL'20) Aug. 2020
Member of Wuhan University Youth Volunteers Association Oct. 2017-Oct. 2018

Teaching

Teaching Assistant, Advanced English of Class of 2026 Feb. 2023-Jun. 2023

MISCELLANEOUS

- Languages: English - **TOEFL 109**(*Listening30Reading29Speaking24Writing26*), Mandarin - Native speaker
- Interests: Playing the guitar, Basketball, Billiards, Table tennis, Soccer, Badminton, Video clip(Best Screen-play and 2nd Award of "Lab safety" Micro Video Solicitation, Wuhan University)
- A Live Editor & Live Announcer of the English Department of Wuhan University Broadcasting Station
- A tenor of the DrinkWater Choir
- 4th Place of Group one in 2018 Orienteering Competition of Wuhan University