

Zhongmou (Morris) He

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SUMMARY

I am currently a sophomore student in Joint Institute of SJTU and UM and will transfer to UM this fall. I am interested in KG, GNN, language model and CV. I am looking for challenging research task and I am willing to devote most of my time and effort to it.

EDUCATION

University of Michigan (UM) <i>B.S.E Data Science; GPA: N/A</i>	Sep. 2023 - May. 2025 (expected) <i>Ann Arbor, Michigan, USA</i>
Shanghai Jiao Tong University (SJTU) <i>B.S.E Electrical and Computer Engineering; GPA: 3.78, Major GPA: 3.81, top 10%</i>	Sep. 2021 - Aug. 2025 (expected) <i>Shanghai, China</i>

PUBLICATION

- “Learning Foundation Language Models for Geoscience Knowledge Understanding and Utilization”

Cheng Deng, Tianhang Zhang, **Zhongmou He**, Qiyuan Chen, Yuanyuan Shi, Le Zhou, Luoyi Fu, Weinan Zhang, Xinbing Wang, Chenghu Zhou, Zhouhan Lin, Junxian He.

[Arxiv](#)

AWARDS & HONORS

Gold Award (top 2%) of The University Physics Competition (UPC)	Jan. 2023
Sophomore Full Scholarship (top 1%, 75,000 CNY) of Joint Institute of SJTU-UM	Dec. 2022
Undergraduate Excellent Scholarship of SJTU	Nov. 2022
Chun-Tsung Scholarship (for Outstanding Undergraduate Research)	Apr. 2022
Freshman Full Scholarship (top 1%, 75,000 CNY) of Joint Institute of SJTU-UM	Dec. 2021
Second Place of National Olympiad in Informatics in Provinces (NOIP)	Dec. 2020

SKILLS

Programming Language	Python, C/C++, Matlab, SQL, Elm
Framework	Pytorch, Transformers, NLTK, Scikit-learn, ElasticSearch
Tools	Git, Docker, L ^A T _E X
Language	English (TOEFL: 107), Chinese (native)

RELATED COURSEWORK

VE203 Discrete Mathematics	A+
VE280 Programming & Elem. Data Structures	A
VV285 Honors Mathematics III (Multi-variable Calculus)	A+
VE401 Probabilistic Methods in Engineering	A
VE281 Data Structures and Algorithms	N/A
CS224W Machine Learning with Graphs	Self-study
Coursera: Machine Learning	Self-study
Dive into Deep Learning (Basics of DL, CV, and NLP)	Self-study

ACTIVITIES

Student Advisor — Advising Center of Joint Institute May. 2023 - present

- Advise students on course learning, project application, career planning, etc.
- Organize workshops and invite seniors to share their experiences regularly.

Team Leader of Zhufei Project — Shanghai Jiao Tong University Aug. 2022

- Help freshmen with financial difficulties by visiting them at home, explaining the financial aid policy of SJTU, describing the campus life and answering their questions.