DING WANG

Tel: +86 18816086996 **Mail**: scholarwd@gmail.com
Addr: No.1500 Shunhua Rd, Jinan, Shandong, China
GitHub: void-echo **Website**: wangding.site

EDUCATION

Shandong **U**niversity, Bachelor of Software Engineering 2020.09 – Present
University of **C**hinese **A**cademy of **S**cience, **I**nstitute of **A**utomation, M.Sc. of AI (**coming**) 2024.09 – 2027.06
Research Interests**: NLP, LLM, LVLM, Bioinformatics, Molecular AI,** etc.
GPA 91.04 (Rank 27/333, 8.1% in department) CET6 / CJT6: 510 / 75.5 **IELTS: 7.5**
Skills: **Deep learning**, **PyTorch**, **Python**, **Java**, **Spring boot**, **Vue**, **C++**, **SQL**, **LaTeX**, **bash**, etc.
Related courses: Database (99), Discrete mathematics (98), Linux (98), C++ (96), Data Structure (95), all the course designs (Computer Architecture, Data Structure, DB, OS, Java, etc.) (Excellent level)

RESEARCH EXPERIENCE

Research Assistant @ SDU Wei-Lab 2022.03 - Present
Research Assistant @ UCAS, Institute of Automation, CRIPAC-DIG 2023.09 - Present

PUBLICATIONS

- Yuwei Xia#, **Ding Wang**#, Qiang Liu, and Liang Wang, Shu Wu, Xiaoyu Zhang. *Enhancing Temporal Knowledge Graph Forecasting with Large Language Models via Chain-of-History Reasoning*, ***arXiv***, 2024
- **Ding Wang**, Junru Jin, Zhongshen Li, and Yu Wang, Mushuang Fan, Sirui Liang, Ran Su, Leyi Wei*. *StructuralDPPIV: a novel deep learning model based on atom-structure for predicting dipeptidyl peptidase-IV inhibitory peptides*, ***Bioinformatics***, 2024
- Junfei Wu, Qiang Liu, **Ding Wang**, and Jinghao Zhang, Shu Wu, Liang Wang, Tieniu Tan*. *Logical Closed Loop: Uncovering Object Hallucinations in Large Vision-Language Models*, ***arXiv***, 2024
- Sirui Liang, Yanxi Zhao, Junru Jin, Jianbo Qiao, **Ding Wang**, Yu Wang, Leyi Wei*. *Rm-LR: A long-range-based deep learning model for predicting multiple types of RNA modifications*, ***Computers in Biology and Medicine***, 2023

PROJECT EXPERIENCE

- **Parallel Pivot selection algorithm implementation with OpenMP** `[C++]` 2022.10 - 2022.12
  - Using *OpenMP*, etc. to implement a parallelized pivot selection algorithm. As team leader, we won the 2nd prize with 1,000-yuan bonus, and the project is rated *excellent*. Code and documents available ***here***
- **Computer Vision & SLAM platform based on OAK-D & Lidar** `[Python Vue]` 2023.06 - 2023.07
  - Utilizing mini-cars, cameras and lidars to develop a ros platform consisting of multiple CV / SLAM functions. As team leader, we won the 2nd evaluation in this course. Code and documents available ***here***
- **Mini operating system based on Nachos** `[C++ Bash]` 2022.10 - 2022.12
  - Utilizing *Nachos* to implement a mini OS with process priority scheduling, semaphore mechanism, two-level indexed file system, sys calls, and VM. Project rated *excellent*, Code and documents available ***here***
- **GaussDB-based online taxi system** `[Java SpringBoot Vue SQL]` 2022.07 - 2022.08
  - Using *GaussDB*, *Spring boot*, *Vue*, etc. to construct an online taxi-hailing system with real-time taxi booking and intelligent ordering. Project rated *excellent*, Code and documents available ***here***

HONORS AND AWARDS

Outstanding graduate, Shandong University 2024
Academic Second Prize, Shandong University 2021 - 2023
Honorable Mention, International Mathematical Contest in Modeling 2021
Specialty Scholarship, Shandong University 2021
PingCAP TiDB Associate, PingCAP co. 2022

COMMUNITY INVOLVEMENTS

Office staff of the Student Union, School of Software, Shandong University. 2020 -2021
Member of the Research Department, Sharing-Ideas. 2022 - Present