

DING WANG

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Addr: Huaibei Town, Huairou District, Beijing, China

GitHub: [void-echo](https://github.com/void-echo)

Website: wangding.site



EDUCATION

- University of Chinese Academy of Science, Institute of Automation, M.Sc. of AI 2024.09 – Present
Research Interests: **Bioinformatics**, **NLP**, **LLM**, **Molecular AI**, etc.
Skills: Deep learning, PyTorch, Python, Java, Spring boot, Vue, C++, SQL, LaTeX, bash, etc.
- Shandong University, Bachelor Degree of Software Engineering (with Honors) 2020.09 – 2024.06
GPA 91.04. Language: CET6: 510 CJT6: 75.5 **IELTS: 7.5**
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 @ Chinese Academy of Sciences, Institute of Automation, [CRIPAC-DIG](#) 2023.09 - Present
Research Assistant @ SDU [Wei-Lab](#) 2022.03 - 2024.09

PUBLICATIONS

- J Qiao#, J Jin#, [D Wang#](#), S Teng, ..., R Su*, L Wei*. A Self-Conformation Aware Pretraining Framework for Molecular Property Prediction Reveals Quantitative Structure-Activity Relationship, (**under peer review**), 2024
- Y Xia#, [D Wang#](#), Q Liu, L Wang, S Wu*, X Zhang. Enhancing Temporal Knowledge Graph Forecasting with LLMs via Chain-of-History Reasoning, *ACL Findings*, 2024
- [D Wang](#), J Jin, Z Li, Y Wang, M Fan, S Liang, R Su, L Wei*. StructuralDPPIV: A Novel Deep Learning Model Based on Atom-structure for Predicting Dipeptidyl Peptidase-IV Inhibitory Peptides, *Bioinformatics*, 2024
- J Wu, Q Liu, [D Wang](#), J Zhang, S Wu, L Wang, T Tan*. Logical Closed Loop: Uncovering Object Hallucinations in Large Vision-Language Models, *ACL Findings*, 2024
- S Liang, Y Zhao, J Jin, J Qiao, [D Wang](#), Y Wang, L Wei*. Rm-LR: A Long-Range-Based Deep Learning Model for Predicting Multiple Types of RNA Modifications, *Computers in Biology and Medicine*, 2023

✧ # : Equal Contribution * : Corresponding Author

PROJECT EXPERIENCE

- Parallel Pivot Selection Algorithm Implementation with OpenMP** [C++][[GitHub](#)] 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*.
- OpenCV & SLAM Demo Based on OAK-D & Lidar** [Python Vue][[GitHub](#)] 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.
- Mini Operating System Based on Nachos** [C++ Bash][[GitHub](#)] 2022.10 - 2022.12
- GaussDB-Base Online Taxi System** [Java SpringBoot Vue SQL][[GitHub](#)] 2022.07 - 2022.08

HONORS AND AWARDS

Bachelor Honors Degree, Shandong University	2024
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

COMMUNITY INVOLVEMENTS

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