DING WANG

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GitHub: void-echo   **Website**: wangding.site

EDUCATION

Shandong University   *September 2020 - Present*
Bachelor of Software Engineering
GPA 91.04 (Rank 27/333, 8.1% in department) CET6 / CJT6: 510 / 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 @ SDU Wei-Lab, PI: Leyi Wei   *March 2022 - Present*
Focused on solving bioinformatical problems with deep learning and computational approaches.

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**   *October 2022 - December 2022*
  - 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 and SLAM platform based on OAK-D and Livox Lidar**   *June 2023 - July 2023*
  - 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**   *October 2022 - December 2022*
  - 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**   *July 2022 - August 2022*
  - 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*