

DING WANG

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EDUCATION

Shandong University

September 2020 - Present

Bachelor of Software Engineering

GPA 91.4 (Rank 23/333, **6.9%** 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

- **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
- 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
- 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

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