Wenwei Ban

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⦿ banwwup

EDUCATION

•University of Chinese Academy of Sciences   *Sep. 2020 - Jul. 2024*

B.E. in Computer Science   Beijing, China

– major courses:
  Data structure, computer composition principle, computer network, operating system, machine learning, compilation principle, human-computer interaction, introduction to network and information security, assembly language, parallel program design

RESEARCH EXPERIENCE

•Institute of Computing Technology, Chinese Academy of Sciences   *Mar. 2025 - Present*

Student Intern, advised by Prof. Fei Sun   Beijing, China

– Research Direction : Recommender Systems; LLM Safety
  * committed to the research on recommender systems and the security of LLMs.

•Institute of Computing Technology, Chinese Academy of Sciences   *Jan. 2024 - May. 2024*

Student Intern, advised by Prof. Dongbo Bu   Beijing, China

– Research Direction : Prediction of Three-Dimensional Structure; database
  * Construct a mutant protein database by screening specific chains and propose a structural prediction algorithm specifically for proteins with single-site mutations.
  * Overcome the limitations of AlphaFold2 in predicting mutant conformations, significantly improving prediction accuracy.

PROJECTS

•Design of a Functional CPU Processor   *Sep. 2023 - Dec. 2023*

University of Chinese Academy of Sciences   ⦿ Github

•Computer Network System Design   *Oct. 2022 - Dec. 2022*

University of Chinese Academy of Sciences   ⦿ Github

•Design of an AI for Gomoku   *Apr. 2021 - Jun. 2021*

University of Chinese Academy of Sciences   ⦿ Github

TECHNICAL SKILLS

- **Tools**: Linux, Git
- **Programming**: Python, C/C++, Verilog, PyTorch
- **English**: IELTS 7, CET6 525

POSITIONS OF RESPONSIBILITY

•President, Dance Club, University of Chinese Academy of Sciences   *2021, 2022*