

ZIYANG ZHANG

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EDUCATION

- North China University of Technology** Sep 2020 - Jun 2024
Bachelor of Computer Science and Technology (Experimental Class)
Beijing, China
◦ GPA: 3.42/4.00

RESEARCH & WORK EXPERIENCE

- State Key Laboratory of Information Photonics and Optical Communications, BUPT** Jul 2024 - Present
Research Assistant | Work
Beijing, China
Advisors: Dr. Xiaosong Yu
- Center of Information Research, Academy of Military Sciences** Dec 2023 - Jun 2024
Research Assistant | Undergraduate Researcher
Beijing, China
Advisors: Sr. Eng. Minghao Hu
- WUTONG BIG DATA, China Mobile Communications Corporation** Jun 2023 - Aug 2023
Algorithm Engineer | Undergraduate Researcher
Beijing, China
Advisors: Dr. Shan Huang, Dr. Sudong Tang, Dr. Nan Chen, Dr. Zhigang Wu
- CNONIX National Standards Application and Promotion Laboratory, NCUT** Mar 2023 - May 2023
Guest Student | Undergraduate Researcher
Beijing, China
Advisors: Prof. Jianyong Duan
- Computer Vision Laboratory, NCUT** Jun 2022 - Jan 2023
Guest Student | Undergraduate Researcher
Beijing, China
Advisors: Dr. Lianjun Liao

PATENTS AND PUBLICATIONS

C=CONFERENCE, J=JOURNAL, P=PATENT, S=IN SUBMISSION, T=THESIS

- [C.1] Wang Yiming, **Zhang Ziyang**, Chen Hanwei, Shen Huayi, et al. (2024). **Reasoning with Large Language Models on Graph Tasks: The Influence of Temperature**. In *2024 5th International Conference on Computer Engineering and Application (ICCEA)*, pp. 630-634, 2024, Hangzhou, China. DOI: 10.1109/ICCEA62105.2024.10603677.
- [J.1] Liu Shilong, Hu Minghao, Liu Lin, Wang Yongjie, Wang Ming, **Zhang Ziyang**, Wang Shaohuang, Wu Chenglong, Liu Chang, Wang Jiabin, Zhao Shike, Xu Xiantao, Luo Wei, Geng Guotong, et al. (2024). **Research on Chinese Security Alignment Protection for Large Models Based on Hybrid Iterative Policy Optimisation**. *Journal of Chinese Information Processing, CCFB*, submitted

COMPETITION & COURSE PROJECT

- Undergraduate Graduation Design: [Beijing Outstanding Graduation Design]** Mar 2024 - Jun 2024
Design and Implementation of a Multimodal Data Annotation Platform
Advisors: Dr. Qing Zhang
- Xinghe Generative AI Content Safety Protection Competition: (National Second Place)** Jun 2024 - Aug 2024
organized by the Institute of Information Engineering, CAS
[\[Webpage\]](#)
- OSRedM Enhancement of LLM Base Capabilities Competition: (First Round Champion)** Jul 2024 - Sep 2024
organized by the CCF & Qiyuan Laboratory
[\[Webpage\]](#)
- Research and Implementation of a Compiler for Industrial Control Scripts:** Jul 2023 - Jul 2024
Beijing Academic Innovation and Entrepreneurship
Advisors: Dr. Lianjun Liao
[\[Webpage\]](#)

HONORS AND AWARDS

- Innovative Practice Scholarship of NCUT** 2021 & 2022
- Beijing Outstanding Graduation Design** 2024
- Beijing College Student Art Exhibition** 2021 & 2022
- Chuanzhi Cup Algorithm Competition** 2020
- Lanqiao Cup Algorithm Competition** 2021 & 2022
- Mathematics Competition of Beijing College Students** 2023

TECHNICAL SKILLS & INTEREST

- Languages:** Mandarin (Native), English (IELTS: 6)
- Programming:** Fluent in Java, Python; Proficient in C
- Tools:** TensorFlow, PyTorch, Git, Anaconda, Docker, LATEX
- Systems:** Linux (Ubuntu, CentOS), VMware
- Database:** SQL Server, MySQL (development and optimization)
- Web Technologies:** SpringBoot, Vue.js, Flask
- Interests:** Classical Music, Photograph, Swim