

TIANYU HU

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🎓 EDUCATION

Peking University (PKU), Beijing, China

2021 – Present

undergraduate student in Computer Science (AI / **Zhi-class**), expected June 2026

GPA 3.3/4.0

👥 EXPERIENCE

Algorithm Intern, LiblibAI Inc.

Jan. 2024 – Apr. 2024

Classification, fine-tuning, multimodal

- Image classification based on OpenCLIP and style description generated by GPT4

Yale GersteinLab Remote Summer Research

Mar. 2024 - Oct. 2024

Agent (memory/planning), in context learning, prompt engineering, RAG

- ChemAgent: Self-updating Memories in Large Language Models Improves Chemical Reasoning

Dartmouth TRIP lab Research Intern

May. 2025 - Present

Model Diagnosis, pruning

- Weight Analysis

🎓 PUBLICATION

ChemAgent: Self-updating Memories in Large Language Models Improves Chemical Reasoning (ICLR 2025 Poster Co-first author)

Xiangru Tang*, **Tianyu Hu***, Muiyang Ye*, Yanjun Shao*, Xunjian Yin, Siru Ouyang, Wangchunshu Zhou, Pan Lu, Zhuosheng Zhang, Yilun Zhao, Arman Cohan, Mark Gerstein

⚙️ SKILLS

- Programming Languages: Python > C++ > C » Haskell
- Skilled in Pytorch, TransformerLens

♥️ HONORS AND AWARDS

Merit Student in Peking University

Sep. 2022

HuaTai Scholarship

Sep. 2022

📄 MISCELLANEOUS

- Languages: English - Fluent (TOEFL 105 / speaking 23)