

Hankun Lin

- linhk@smail.nju.edu.cn

EDUCATION

Nanjing University

B.Sc. Computer Science and Technology

Nanjing, Jiangsu, China

2022.9 -

- GPA: 4.31/5.0, Renmin Scholarship
- Major Courses: *Computer Vision - Representation and Recognition* (96/100), *LLM Application Development* (95/100), *Introduction to Machine Learning* (93/100), *Advanced Machine Learning* (93/100), *Advances in Machine Learning* (93/100), *Matrix Computation* (93/100), *Probability Theory and Mathematical Statistics* (92/100), *Introduction to Computer Systems* (90/100).

University of California, Berkeley

Berkeley International Study Program

Berkeley, CA, USA

2025.1 - 2025.5

- GPA: 3.92/4.0
- Major Courses: *CS61A - The Structure and Interpretation of Computer Programs* (A+), *CS188 - Introduction to Artificial Intelligence* (A+)

PUBLICATIONS

Understanding LLMs' Cross-Lingual Context Retrieval: How Good It Is And Where It Comes From.

Changjiang Gao, **Hankun Lin**, Shujian Huang, Xin Huang, Xue Han, Junlan Feng, Chao Deng, Jiajun Chen.

Preprint 2025.

RESEARCH EXPERIENCE

Nanjing University

Research Intern at the Natural Language Processing Group

2024.3 - 2025.2

- Basic NLP course learning under the guidance of Prof. Shujian Huang.
- Evaluation and interpretation of the Cross-lingual Machine Reading Comprehension (xMRC) ability of LLMs with Ph.D. Student Changjiang Gao. Research results are submitted to a top conference and currently under review.

Purdue University

Research Intern at RZ Lab led by Prof. Ruqi Zhang

2025.3 -

- Applying gradient-based discrete sampling method to LLM decoding-time alignment.

PROJECTS

- **MindMates**: Bidirectional Multi-agent Framework for Mental Health Therapy. [GitHub](#)
- Building the architecture of a LLaMA-3.2-1b-Instruct model **from scratch**. [GitHub](#)
- Implementation of a **push-down automata** simulator and a **turing machine** simulator, using C++ . [GitHub](#)
- Reproduction of a bestselling Steam game **Shapez**, using C++ and Qt graphics libraries. [GitHub](#)