

Haoyang Chen

SENIOR UNDERGRADUATE STUDENT

University of Minnesota, Twin Cities

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Education

University of Minnesota, Twin Cities

B.S. IN COMPUTER SCIENCE

- CSCI Technical GPA: 3.875 (Dean's List)

Minneapolis, MN, USA

Expected Graduation: Spring 2026

Macau University of Science and Technology

B.S. IN COMPUTER SCIENCE

- GPA: 3.5, Top 20%

Macau, China

Fall 2022 - Spring 2025

Research Interests

LLM-based agent systems and their evaluation, with emphasis on efficient and reliable execution. Optimization of LLM inference pipelines (profiling-driven performance analysis, batching/scheduling, and memory efficiency). Currently building skills in CUDA/Triton and LLM serving frameworks (e.g., SGLang, vLLM).

Research Experience

Macau University of Science and Technology

UNDERGRADUATE RESEARCH ASSISTANT

- Conducted research on subgraph matching/mining under the supervision of Prof. Kai Huang
- Implemented baseline methods and experimental pipeline for subgraph matching algorithms
- Contributed to writing research papers and documentation

Macau, China

2024.09 - 2025.05

Skills

Programming	Python; C/C++; Bash
ML/Frameworks	PyTorch; HuggingFace Transformers
Systems/Tools	Linux; Git; Conda/virtualenv; experiment scripting & logging
Experimentation	multi-GPU environment setup; benchmarking & result visualization
Languages	Chinese (Native); English