Yiming Luo

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EDUCATION

University of Michigan-Ann Arbor — Ann Arbor, MI
Exchange student in College of Literature, Science and the Arts — *01/2025 - 05/2025*

University of Macau — MacauSAR, China
Bachelor of Science in Computer and Information Science — *August 2022 - Present*
- Member of the Honours College

Shanghai Jiao Tong University — Shanghai, China
Summer Exchange — *June 2024 - July 2024*
- Cumulative GPA: 3.90/4.00
- Algorithms and Analysis: 100/100, Time Series & Random Process in Linear Systems: 91/100

WORK AND INTERNSHIP EXPERIENCE

Research Assistant — May 2024 – Present
State Key Laboratory of Internet of Things for Smart City(University of Macau) — *MacauSAR, China*
Supervisor: Prof. Li Li, Prof. Chengzhong Xu
- Conducted scientific researches in multi LLM agent inference cooperation, LLM multi agent fine-tuning cooperation(FL), lightweight deployment(pruning)

Research Assistant — December 2023 – May 2024
Zhuhai UM Science & Technology Research Institute — *Zhuhai, China*
Supervisor: Prof. Li Li, Prof. Chengzhong Xu
- Conducted scientific researches in fine-tuning(FL) and localizing Large Language Models.

Information System Management and Development Intern — January 2024 – May 2024
Information Management Section, University of Macau — *MacauSAR, China*
- Conducted system maintenance and development jobs.

HONOURS AND AWARDS

Dean's Honor List 1st semester of the academic year 2025/2026(forthcoming)	*February, 2026*
Macau Foundation Scholarship for the academic year 2023/2024	**2024**
Bronze Award of Whole Person Development Award Programme 2023/2024	*2024*
Dean's Honor List 2nd semester of the academic year 2023/2024	*June, 2024*
Dean's Honor List 1st semester of the academic year 2023/2024	*February, 2024*
Henry Fok Foundation Scholarship for the academic year of 2022/2023	**2023**
Luso International Bank Whole Person Development Scholarship for the academic year of 2022/2023	**2023**
Golden Award of Whole Person Development Award Programme 2022/2023	*2023*
UM RC Foundation Scholarship	*2023*
Dean's Honor List 2nd semester of the academic year 2022/2023	*June, 2023*
Dean's Honour List 1st semester of the academic year 2022/2023	*February, 2023*
The third place of CICA Football Cup, CKLC Football Team	*February, 2022*

Professional Publications

Yiming Luo, Chunlin Tian, Li Li, Cheng-zhong Xu. *Epsilon: Federated Plug-in Specialized Language Models for Black-box Optimization.* International Conference on Machine Learning(ICML) 2025(Under Review) - First Author.

Chunlin Tian, **Yiming Luo**, Xinpeng Qin, Li Li, Cheng-zhong Xu. *Enable Efficient Large Language Models via Generative Pruning* International Conference on Machine Learning(ICML) 2025(Under Review) - Second Author.

Chunlin Tian, KaHou Tam, **Yiming Luo**, Li Li, Cheng-zhong Xu. *Enabling Heterogeneity-Aware Efficient Federated LLMs Fine-tuning* International Conference on Machine Learning(ICML) 2025(Under Review) - Second Author.

Volunteer Experience

Participated in the "Establishment of National Civilized City" volunteering work, propagandized, and beautified the environment, Lanxi, Zhejiang Province. *December, 2022*

Protected the environment, CKLC & Macao New Chinese Youth Association, Macao. *October, 2022*

Engaged in Environmental knowledge publicity activities (summer) Foshan, Guangdong Province. *July 2022 – August 2022*

Professional Skills

- Achieved an **overall band score of 7.5 in the *IELTS* exam**, demonstrating strong English language proficiency(excelling in **Listening** and **Reading** sections with scores of 8.5 each).

- Experienced in **deploying and fine-tuning Large Language Models (LLMs), RAG development, and multi-agent reasoning collaboration**. Familiar with Linux system operations and advanced AI system implementation.

- Proficient in *Python, C/C++, Java, and VB*, with expertise in machine learning programming.

- Comprehensive knowledge of deep learning architectures (e.g., *RNN, Transformer, CNN*) and machine learning algorithms (e.g., *SVM, Decision Tree, Naive Bayes*).

- Knowledge of database management with SQL.