

Linchao Pan

✉ linchaopan2022@gmail.com

🏠 Homepage | 🌐 Github | 📄 Google Scholar
Shenzhen, Guangdong, China

OBJECTIVE

My current research objective is to develop novel methodologies for reasoning multimodal large language models using supervised fine-tuning and reinforcement learning. Before that, I aim to enable reliable AI deployment in dynamic open-world scenarios under real-world data imperfections in data quality and distribution shifts.

EDUCATION

- **Shenzhen University** Sep. 2023 - June 2026 (Expected)
M.Sc. in Computer Science and Technology Shenzhen, China
 - GPA: 88/100
 - Selected Coursework: Introductory Combinatorics (A, 90.5/100), Machine Learning (A, 94.4/100), Medical Image Processing (A, 90.4/100), Computer Frontier Technology (A, 95/100)
- **Shenzhen University** Sep. 2019 - June 2023
B.Eng. in Software Engineering (Honours degree) Shenzhen, China
 - GPA: 89/100
 - Selected Coursework: Linear Algebra (A+, 94/100), Discrete Mathematics (A, 92/100), Probability Theory and Mathematical Statistics (A+, 94/100), Optimization Methods (A, 91/100), Machine Learning (A+, 94/100), Practical Training of Artificial Intelligence (A+, 94/100), Design and Analysis of Algorithms (A, 90/100)

PUBLICATIONS

C=CONFERENCE, J=JOURNAL, S=IN SUBMISSION

- [S.1] L. Pan, Y. Nian, C. Gao, J. Zhou, J. Wen. **Momentum evidential teacher with dual similarity contrastive learning for open-world noisy data**. Manuscript submitted to AAAI 2026.
- [C.1] L. Pan, C. Gao, J. Zhou, J. Wang. **Learning with open-world noisy data via class-independent margin in dual representation space**. Accepted by AAAI 2025.
- [J.1] L. Pan, C. Gao, J. Zhou, G. Chen, X. Yue. **Three-way decision-based Takagi-Sugeno-Kang fuzzy classifier for partially labeled data**. *Applied Soft Computing* (JCR Q1, IF=7.2), 2024.
- [J.2] L. Pan, C. Gao, J. Zhou. **Three-way decision-based tri-training with entropy minimization**. *Information Sciences* (JCR Q1, IF=8.2), 2022.
- [C.2] X. Liu, L. Wang, L. Pan, C. Gao. **Kernelized fuzzy rough sets-based three-way feature selection**. In *International Joint Conference on Rough Sets (IJCRS)*, 2022.

EXPERIENCE

- **Hong Kong Baptist University** Aug. 2025 - Jan. 2026 (Expected)
Research Assistant Hong Kong
 - Explore to build reasoning multimodal large language models, under supervision by [Prof. Kaiyang Zhou](#).
- **Shenzhen University** Feb. 2022 - Jan. 2025
Teaching Assistant Shenzhen, China
 - Artificial Intelligence Overview: Spring 2022, Spring 2023, Spring 2024.
 - Introduction to Artificial Intelligence: Fall 2022, Fall 2023, Spring 2024, Fall 2024.
 - Artificial Intelligence and Machine Learning: Fall 2022, Fall 2023, Fall 2024.
- **Tencent AI Lab** Jan. 2022 - May 2022
Intern of the Computational Optimization Group Shenzhen, China
 - Test the [TensorRT Plugin Autogen Tool](#) for automatically generating high-performance TensorRT plugins.
 - Write test cases for 80+ TensorFlow operators to measure the performance gap when using the tool.

HONORS AND AWARDS

- Shenzhen University First Prize of Academic Scholarship 2024
- Shenzhen University Special Prize of Academic Scholarship 2023
- Shenzhen University Outstanding Graduate 2023
- Shenzhen University Honored Bachelor Degree 2023
- Shenzhen University's 2023 100 Outstanding Undergraduate Thesis (Design) 2023
- Shenzhen University Tencent Innovation Scholarship 2023
- Ministry of Education – Huawei Smart Base "Future Star" 2022

ADDITIONAL INFORMATION

Languages: Mandarin (Native level), Cantonese (Intermediate level), English (CET6: 510)

Interests: Badminton, hiking, photography