Linchao Pan

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Homepage | Github | Google Scholar

Shenzhen, Guangdong, China

Objective

My current research objective is to develop novel methodologies for the GUI agent. Before that, I was working on enabling 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. **Momentum evidential teacher with dual similarity contrastive learning for open-world noisy data**. Manuscript submitted to *TNNLS*.

[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 GUI agents, 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

- National Scholarship for Master Students *2025*
- 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