

ManYao Li

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Headline

**Data Science & NLP Intern | Statistics Student @ Beijing Normal University |
Deep Learning | Python | LLaMA-2 | AI Research**

Summary

I'm an aspiring AI researcher and statistics undergraduate passionate about natural language processing and machine learning. I led a university-funded research project on Chinese irony recognition using LLaMA-2 and have won top honors in national competitions for statistical modeling and market research. I thrive in interdisciplinary environments and seek internships in AI, NLP, and data science where I can contribute my skills and deepen my experience.

Education

Beijing Normal University

Bachelor of Science in Statistics | 2023 – 2027

Relevant Coursework: Probability Theory, Statistical Modeling, Machine Learning,
Python Programming, Natural Language Processing

GPA:3.8/4.0

Experience

Project Leader | Beijing Normal University

May 2025 – Present • Beijing, China

- Led a research team of 4 students funded by the Beijing Undergraduate Research Fund.

- Designed and fine-tuned a Chinese irony recognition model using LLaMA-2 and custom sarcasm corpus.
- Benchmarked model against LSTM and RoBERTa; improved F1-score.
- Planning to present findings to academic faculty; co-authoring a manuscript for publication.

Mathematics Teacher | Middle School of Fengtai

June 2024 – August 2024 • Hebei, China

- Designed interactive math lessons for middle school students during summer outreach.
- Mentored 40+ students and developed individualized support plans.
- Awarded "Outstanding Educator" in school-led summer practice program.



Projects

Irony Detection in Chinese Social Media

- Built and trained NLP models (LSTM, RoBERTa, LLaMA-2) on a custom sarcasm-labeled dataset.
- Implemented evaluation pipeline for precision, recall, F1-score; tuned hyperparameters to optimize generalization.
- Conducted qualitative error analysis to improve detection in indirect or culturally nuanced sarcasm.

Statistical Modeling for Carbon-Neutral Bus Network

- Applied time-series and spatial regression models to optimize Beijing public transport routes under carbon emission constraints.
- Integrated metro data for dual-mode network optimization.

◆ Leadership & Volunteering

Director | White Dove Youth Volunteer Association

- Organized weekly community service events; coordinated 30+ volunteers.
- Launched an educational campaign for underserved schools.

Market Research Competition (Team Lead)

- Used R and Excel to conduct conjoint analysis and pricing strategy simulations.
 - Won the First Prize in the competition.
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Technical Skills

- **Languages & Libraries:** Python, R, SQL, LaTeX
 - **Data Analysis:** Pandas, NumPy, Matplotlib, Seaborn
 - **Other:** Git, EViews, Excel, PowerPoint, SPSS
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Awards & Scholarships

- First-class Academic Scholarship (2x)
 - Second-class Academic Scholarship (1x)
 - First Prize, Market Research Competition (2025)
 - Second Prize, National Statistical Modeling Competition (2025)
 - Third Prize, Summer Social Practice Program (2024)
 - Funded by Beijing Undergraduate Research Fund (PI role)
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Language

- English (Professional Working)
- Spanish (Elementary)
- Chinese (Native or Bilingual)