Jiecheng Lu

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Google Scholar: https://scholar.google.com/citations?user=H_Bz5A0AAAAJ   OpenReview: https://openreview.net/profile?id=~Jiecheng_Lu1

■ Education Background

Georgia Institute of Technology

Ph.D. in Machine Learning   (Advisor: Shihao Yang)   **08.2023-12.2026**

Research Interests: Foundation Models, General Sequence Modelling, Linear Attention Mechanisms, Time Series Analysis

M.S. in Analytics   **08.2021-08.2023**

Tianjin University

Bachelor in Logistics Engineering   **09.2016-06.2020**

○ Selected Research Experiences

- **Lu, Jiecheng**, et al. "ZeroS: Zero-Sum Linear Attention for Efficient Transformer." In *The Thirty-ninth Annual Conference on Neural Information Processing Systems* (NeurIPS 2025 Spotlight).

- **Lu, Jiecheng**, and Shihao Yang. "Linear Transformers as VAR Models: Aligning Autoregressive Attention Mechanisms with Autoregressive Forecasting." In *Forty-second International Conference on Machine Learning* (ICML 2025).

- **Lu, Jiecheng**, Xu Han, Yan Sun, and Shihao Yang. " WAVE: Weighted Autoregressive Varying Gate for Time Series Forecasting." In *Forty-second International Conference on Machine Learning* (ICML 2025).

- **Lu, Jiecheng,** Yan Sun, and Shihao Yang. "In-context Time Series Predictor." In *The Thirteenth International Conference on Learning Representations* (ICLR 2025).

- **Lu, Jiecheng**, Xu Han, Yan Sun, and Shihao Yang. "CATS: Enhancing Multivariate Time Series Forecasting by Constructing Auxiliary Time Series as Exogenous Variables." In *Forty-first International Conference on Machine Learning* (ICML 2024).

- **Lu, Jiecheng**, Xu Han, and Shihao Yang. "ARM: Refining Multivariate Forecasting with Adaptive Temporal-Contextual Learning." In *The Twelfth International Conference on Learning Representations* (ICLR 2024).

- **Lu, Jiecheng**, and Shihao Yang. "Free Energy Mixer." (submitted to ICLR 2026).

- Served as reviewer for NeurIPS 2024, ICLR 2025, ICML 2025, NeurIPS 2025, ICLR 2026, AISTATS 2026, and the IEEE Internet of Things Journal.

■ Professional Experiences

Tencent

Data Scientist Intern, Tencent Medical AI Lab (JARVIS Lab)   **07.2021-07.2022**

- Co-authored 2 papers on medical time series algorithms and filed 6 patents as lead inventor in areas like medical sequence learning
- Led developments of deep learning and statistical models for projects in medical insurance forecasting and epidemic monitoring.
- Created tech solutions for medical facilities in 4 major cities, handling up to 10 million data points daily.

Amazon

Business Analyst Intern, Global Sourcing Team, Amazon Private Brands   **01.2021-07.2021**

- Boosted sourcing team performance through data-driven methods, using machine learning and causal inference for cost analysis.
- Developed AWS-based dashboard web apps, aiding in cost decision-making, saving the team over $100,000 monthly in costs.

Peking University

Research Assistant, Guanghua School of Management   **09.2020-01.2021**

- Contributed to 10+ research projects and 4 papers on supply chain finance, risk hedging, and logistics network design.
- Specialized in stochastic programming, game theory, and structural equation models, using CPLEX, Stata, AMOS, and Python.

Country Garden Group

Strategic and Data Analytics Intern, New business Division   **07.2020-09.2020**