

# Beibin Li

## Curriculum Vitae

(Updated Feb., 2026)

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🎓 Google Scholar



**AI/ML researcher and engineer building frontier language models, multi-agent systems, and optimization at scale.** Published at ICML, ICLR, CVPR, ICCV, ACL, CHI, MLSys, SIGMOD, OSDI.

## Experience

2025 – Now **Member of Technical Staff, xAI**

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Owner	Grok 4.1 Fast, Grok 4.2 (API); ( <b>1T+</b> tokens per month)
Main Contributor	Grok 4.1, Grok Code/Build, Grok in Tesla, Grok for SpaceX

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2025 **Researcher, Meta, (GenAI → MSL)**

Llama team. Post-trained LLMs with reinforcement learning for reasoning, safety, and user experience.

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👤 Generative Judge	Lead	Designed generative judges with rubrics to improve reasoning, instruction-following, and tool use while reducing factual errors during online RL fine-tuning.
🧑 Human Alignment	Lead	Built an automated data-flywheel for human preference alignment, integrating synthetic data generation and continuous RM/LLM retraining to drive DAU growth.
🌐 Multilingual	Engineer	Scaled eval 10× across 55 languages with synthetic datasets and LLM judges for cross-lingual coverage.
📄 Inference System	Researcher	Co-designed dynamic routing with speculative decoding, cutting latency by 30%+ and boosting token throughput.

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2022 – 2025 **Senior Research Engineer, Microsoft Research**

Machine Learning and Optimization (MLO) group. Led research on LLMs, deep learning, and optimization for supply chain and cloud systems.

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🤖 AutoGen	Co-Author	Earned <b>30,000+</b> <b>GitHub stars</b> for <i>Next-Gen LLM Apps via Multi-Agent Conversation</i> . Built core agents, reflection, evaluation, memory, and RAG modules.
🏆 MLSys Best Paper	First Author	<b>Best Paper Award</b> at MLSys for <i>VM Allocation with Lifetime Prediction</i> . Built the prediction model and evaluation framework.
∞ MILP-Evolve	Lead Author	Introduced <i>Foundation Models for Mixed Integer Linear Programming</i> . Designed data processing and training pipelines.

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2015 – 2017 **Researcher, Seattle Children's Research Institute; Yale University**

Advisor: Frederick Shic. Deep learning for image/video analysis and eye-tracking research.

## Education

2022 **Ph.D. in Computer Science and Engineering, University of Washington, Seattle, Faithful Steward Endowed Fellowship;** Advisors: Linda Shapiro and Frederick Shic

🎓 *Low-Resource Neural Adaptation: A Unified Data Adaptation Framework for Neural Networks*

2015 **Bachelor of Science (Dual Major), Computer Science and Mathematics, University of Michigan, Ann Arbor, Graduated with University Honors**