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? Iblaoke

• lblaoke.github.io

Education

PhD, Computer Science2022 - PresentPurdue UniversityWest Lafayette, IN, USA

Advisor: Rugi Zhang

BE, Computer Science and TechnologyTianjin University
2018 – 2022
Tianjin, China

Advisor: Changaing Zhang

GPA: 3.8/4.0

Experiences

Purdue University

Jan. 2023 – Present

Research Assistant

University of Illinois Urbana-Champaign

May 2021 – Nov. 2021

Research Intern

Institute of Computing Technology, Chinese Academy of Sciences

Jan. 2021 – Feb. 2021

Research Intern

Tianjin University Sept. 2020 – Dec. 2021

Research Assistant

Research Interests

I am interested in the generalization and robustness of inference algorithms. I focus on efficient language model alignment, generalizable MCMC sampling, and imbalanced learning.

Publications

More is Less: The Pitfalls of Multi-Model Synthetic Preference Data in DPO Safety Alignment

Preprint, under review

Yifan Wang, Runjin Chen, Bolian Li, David Cho, Yihe Deng, Ruqi Zhang, Tianlong Chen, Zhangyang Wang, Ananth Grama, Junyuan Hong

Cascade Reward Sampling for Efficient Decoding-Time Alignment

Preprint, under review

Bolian Li*, Yifan Wang*, Anamika Lochab*, Ananth Grama, Ruqi Zhang

Bayesian Computation in Deep Learning

MCMC Handbook

Wenlong Chen*, Bolian Li*, Ruqi Zhang, Yingzhen Li

Stacey: Promoting Stochastic Steepest Descent via Accelerated ℓ_p -Smooth Nonconvex Optimization

Preprint, under review

Xinyu Luo*, Site Bai*, Bolian Li*, Petros Drineas, Ruqi Zhang, Brian Bullins

Making Reliable and Flexible Decisions in Long-tailed Classification

Transactions on Machine Learning Research (TMLR) *Bolian Li*, Ruqi Zhang

ETA: Evaluating Then Aligning Safety of Vision Language Models at Inference Time

International Conference on Learning Representations (ICLR 2025) Yi Ding, *Bolian Li*, Ruqi Zhang

Entropy-MCMC: Sampling from Flat Basins with Ease

International Conference on Learning Representations (ICLR 2024) *Bolian Li*, Ruqi Zhang

Long-tailed Classification from a Bayesian-decision-theory Perspective

Symposium on Advances in Approximate Bayesian Inference (AABI 2023) *Bolian Li*, Ruqi Zhang

Trustworthy Long-tailed Classifications

The IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR 2022) *Bolian Li*, Zongbo Han, Haining Li, Huazhu Fu, Changqing Zhang

Graph Communal Contrastive Learning

The Web Conference (WWW 2022), Oral Presentation *Bolian Li*, Baoyu Jing, Hanghang Tong

Services

Reviewer ICML 2025, NeurIPS 2024; ICLR 2025; AISTATS 2024, 2025; UAI 2024, 2025;

SPIGM 2023, 2024; NextGenAISafety 2024

Teaching Assistant CS 57800; CS 38003; CS 17600

Awards

Tan Xuguang Alumni Scholarship, *Tianjin University*Tianjin University Vision Education Fund, *Tianjin University*2020
2019