

Qianli Shen

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🎓 Education

Peking University, China July 2020
Bachelor of Science(B.S.) in Computer Science

National University of Singapore, Singapore Aug.2021 - present
Doctor of Philosophy(Ph.D.) in Computer Science

🏛️ Academic Experience

Undergraduate Researcher at Center for Data Science, Peking University Aug. 2018 – July 2020
Advisor: [Prof. Zhanxing Zhu](#)

Research Intern at Flash Lab, School of ISyE, Georgia Tech July 2019 - Oct. 2019
Advisor: [Prof. Tuo Zhao](#)

📄 Publications

PICProp: Physics-Informed Confidence Propagation for Uncertainty Quantification

Qianli Shen, Wai Hoh Tang, Zhun Deng, Apostolos Psaros, Kenji Kawaguchi

In Advances in Neural Information Processing Systems (NeurIPS), 2023

GFlowOut: Dropout with Generative Flow Networks

Dianbo Liu, Moksh Jain, Bonaventure F. P. Dossou, **Qianli Shen**, Salem Lahlou, Anirudh Goyal, Nikolay Malkin, Chris Chinenye Emezue, Dinghuai Zhang, Nadhir Hassen, Xu Ji, Kenji Kawaguchi, Yoshua Bengio

International Conference on Machine Learning (ICML), 2023

Deep Reinforcement Learning with Robust and Smooth Policy

Qianli Shen*, Yan Li*, Haoming Jiang, Zhaoran Wang, Tuo Zhao

International Conference on Machine Learning (ICML), 2020

🔧 Softwares

PRIMAL: A Linear Programming-based Sparse Learning Library in R and Python

Qianli Shen*, Zichong Li*, Yujia Xie, Tuo Zhao

🖥️ Programming Skills

Program languages: C/C++, Python, R, Java, Verilog

Deep Learning Toolkits: Tensorflow, PyTorch

Others: Unix/Linux, L^AT_EX, Markdown, Jupyter notebook

🏆 Honors and Awards

NUS Research Scholarship, 2021 - present

MCM/ICM 2018, Meritorious Winner (top 13%)

👤 Teaching

CS6216 - Advanced Topics in Machine Learning, 2022 Fall, TA