Qin Shi

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Education

Purdue University   **Indiana, IN**
Doctor of Philosophy in Statistics   *2023–present*
GPA – 4.0/4.0

National University of Singapore   **Singapore**
Master of Statistics   *2022–2023*
GPA – 4.67/5.0

Shanghai University of Finance and Economics   **Shanghai, China**
Bachelor of Science in Data Science   *2018–2022*
GPA – 3.45/4.0, Ranking – 9/41

Publications

[1] Jiawei Du, **Qin Shi**, and Joey Tianyi Zhou. Sequential subset matching for dataset distillation. *Advances in Neural Information Processing Systems*, 36, 2023.

Research & Work Experience

Purdue University — Department of Statistics   **West Lafayette, IN**
Mentor: Qifan Song, Joey Tianyi Zhou, Jiawei Du   *July 2024 - Nov. 2024*

- Developed an algorithm to improve Vision-Language task with better understanding.
- Researched understanding LLMs from a statistical perspective and their security vulnerabilities.

A*STAR's Institute of High-Performance Computing   **Singapore**
Research Intern   *Sept. 2022 - June. 2023*
Mentor: Joey Tianyi Zhou, Jiawei Du

- Researched Dataset Distillation by long-range gradients matching.

YumChina   **Shanghai, China**
Data Scientist Intern   *Apr. 2022 - June. 2022*

- Built multi-objective recommendation system.
- Built deep structured semantic model to generate combination-meal template.

MarcPoint   **Shanghai, China**
NLP Algorithm Engineer Intern   *Sep. 2021 – Jan. 2022*

- Built ACNN-CRF model to implement named entity recognition (NER) on social media data.
- Investigated machine learning to remove meaningless comments from social media data.

Academic Services

Conference Reviewer: European Conference on Computer Vision (ECCV)

Other Skills

Technical Skills: Pytorch, Python, R-Programming, SQL-Server, C Language