

Ziyao Guo

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EDUCATION

Xidian University <i>Master of Electronic and Information Engineering</i>	Sept. 2021 – Jun. 2024 GPA: 3.8/4.0
Yunnan University <i>Bachelor of Digital Media Technology</i>	Sept. 2017 – Jun. 2021 GPA: 3.24/4.0

PUBLICATION

Towards Lossless Dataset Distillation via Difficulty-Aligned Trajectory Matching **ICLR 2024**
Ziyao Guo, Kai Wang, George Cazenavette, Hui Li, Kaipeng Zhang, Yang You 🌐 Github 📄 arXiv

- **TL; DR:** We achieved lossless dataset distillation for the first time.
- Work done during my internship at Shanghai AI Lab and HPC-AI Lab.

Class Attention Transfer Based Knowledge Distillation **CVPR 2023**
Ziyao Guo, Haonan Yan, Hui Li, Xiaodong Lin 🌐 Github 📄 arXiv

- **TL; DR:** We found transferring binarized/normalized CAM can endow CNNs with classification capabilities.

ARCANE: An Efficient Architecture for Exact Machine Unlearning **IJCAI 2022**
Haonan Yan, Xiaoguang Li, Ziyao Guo, Hui Li, Fenghua Li, Xiaodong Lin 📄 arXiv

- **TL; DR:** We designed an architecture for efficient machine unlearning.

Toward Lossless Graph Condensation via Expanding Window Matching **Under Review**
Yuchen Zhang, Tianle Zhang, Kai Wang, Ziyao Guo, Yuxuan Liang, ..., Yang You 📄 arXiv

- **TL; DR:** First lossless graph distillation algorithm.

INTERNSHIPS

HPC-AI Lab, NUS May. 2023 – Dec. 2023
Topic: Efficient AI Research Intern

- Published one paper at ICLR 2024 as the first author.
- One project related to Grapgh dataset condensation is ongoing.

Shanghai Artificial Intelligence Laboratory Jun. 2023 – Present
Topic: Efficient AI, LLM Trainee Researcher

- Published one paper at ICLR 2024 as the first author.
- Two projects related to LLM quantization/pruning are ongoing.

SCHOLARSHIPS

- China National Scholarship 2023
- The First Prize Scholarship in Xidian University 2021, 2022

Others

IELTS: 6.5