# XIANGLIN YANG

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### **RESEARCH INTERESTS**

Responsible & Trusted AI, AI Agent, LLM.

### EDUCATION

National University of Singapore Ph.D. candidate in Computer Science Advisor: Prof. Jin Song Dong

**Fudan University** B.S. in Computer Science

University of Manchester Exchange student

# EXPERIENCE

Lenovo Research Intern on AI Agent

National University of Singapore Research Intern on code testing

# PUBLICATION

 Xianglin Yang, Yun Lin, Yifan Zhang, Linpeng Huang, Jin Song Dong, Hong Mei. [code], [website] DeepDebugger: An Interactive Time-Travelling Debugging Approach for Deep Classifiers. The ACM Joint European Software Engineering Conference and Symposium on the Foundations of Software Engineering (ESEC/FSE), 2023.

- 2 Xianglin Yang, Yun Lin, Ruofan Liu, Jin Song Dong.
  Temporality Spatialization: A Scalable and Faithful Time-Travelling Visualization for Deep Classifier Training.
  [paper],[code],[website]
  In Proceedings of the Thirty-First International Joint Conference on Artificial Intelligence (IJCAI), 2022.
- 3 Xianglin Yang, Yun Lin, Ruofan Liu, Zhenfeng He, Chao Wang, Jin Song Dong, Hong Mei. DeepVisualInsight: Time-Travelling Visualization on Boundary and Temporal Properties of Deep Learning Classification. [paper],[code],[website] In Proceedings of the AAAI Conference on Artificial Intelligence (AAAI), 2022. [oral presentation, 4.5%]
- 4 Tianyuan Jin, **Xianglin Yang**, Xiaokui Xiao, Pan Xu. Thompson Sampling with Less Exploration is Fast and Optimal. [code] In the Proceedings of the Fortieth International Conference on Machine Learning (**ICML**),2023.
- 5 Ruofan Liu, Yun Lin, Xianglin Yang, Jin Song Dong. Debugging and Explaining Metric Learning Approaches: An Influence Function Based Perspective. [paper] In Proceedings of the 35th Conference on Advances in Neural Information Processing Systems (NeurIPS), 2022.
- 6 Ruofan Liu, Yun Lin, Xianglin Yang, Siang Hwee Ng, Dinil Mon Divakaran, Jin Song Dong. Inferring Phishing Intention via Webpage Appearance and Dynamics: A Deep Vision Based Approach. [paper] In Proceedings of the 31st USENIX Security Symposium (USENIX Security), 2022.

Singapore Aug 2020 - Present

Shanghai, China Sep 2016 - Jun 2020

Manchester, UK Sep 2018-Jan 2019

Jan 2024 - present

Jul 2019 - Sep 2019

NUS Dean's Graduate Research Excellence Award

- 1st Prize the Research Prototype Competition by CCF ChinaSoft in 2022 [video]
- NUS SoC Research Achievement Award in 2021/2022 Sem 2
- 2nd Prize Scholarship of Fudan University for Outstanding Students (15%) 2019-2020
- 2nd Prize Scholarship of Fudan University for Outstanding Students (15%) 2017-2018
- 3rd Prize Scholarship of Fudan University for Outstanding Students (30%) 2016-2017