XIANGYU LI

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CONTACT

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EDUCATION

Ph.D. Electronic Science and Technology   *Sep. 2022 - Now*
Department of Electronic Engineering, Tsinghua University, Beijing, China

B.Eng. Electronic Information Science and Technology   *Sep. 2018 – Jun. 2022*
Department of Electronic Engineering, Tsinghua University, Beijing, China

RESEARCH INTEREST

I am advised by Professor Yunxin Liu at Institute for AI Industry Research (AIR), Tsinghua University. My research interests include mobile computing, machine learning systems, and large language models (LLMs). I am currently focused on building efficient agentic AI systems on edge platforms via system optimization.

SELECTED PUBLICATIONS

[MobiCom 2024] <u>X. Li</u>, Y. Li, Y. Li, T. Cao, and Y. Liu, "FlexNN: Efficient and Adaptive DNN Inference on Memory-Constrained Edge Devices", in *Proceedings of the 30th Annual International Conference on Mobile Computing and Networking*, 2024.

Y. Li, H. Wen, W. Wang, <u>X. Li</u>, Y. Yuan, G. Liu, J. Liu, W. Xu, X. Wang, Y. Sun, et al., "Personal LLM Agents: Insights and Survey about the Capability, Efficiency and Security", arXiv preprint, 2024.

[ISCA 2022] G. Dai, Z. Zhu, T. Fu, C. Wei, B. Wang, <u>X. Li</u>, Y. Xie, H. Yang, and Y. Wang, "DIMMining: Pruning-Efficient and Parallel Graph Mining on Near-Memory-Computing", in *Proceedings of the 49th Annual International Symposium on Computer Architecture*, 2022.