

Kaiqi Guan

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Summary

I am a third-year undergraduate from Wuhan University. During my time at university, I have actively participated in scientific research and competitions, with work accepted by the NeurIPS 2025. I have been awarded the National Scholarship and the First-class Scholarship of Wuhan University multiple times. I possess strong self-drive and teamwork abilities, and I am passionate about exploring cutting-edge technologies and solving real-world problems.

Publications

- Rethinking Fair Federated Learning from Parameter and Client View
Kaiqi Guan[†], Wenke Huang[†], Xianda Guo, Yueyang Yuan, Bin Yang, Mang Ye*
Annual Conference on Neural Information Processing Systems (**NeurIPS**), 2025
- DKDR: Dynamic Knowledge Distillation for Reliability in Federated Learning
Yueyang Yuan[†], Wenke Huang[†], Guancheng Wan[†], **Kaiqi Guan**, He Li, Mang Ye*
Annual Conference on Neural Information Processing Systems (**NeurIPS**), 2025

Scholarships

- National Scholarship (2024-2025, **Second Time**)
- National Scholarship (2023-2024, Top 0.4% nationwide)
- First-class Scholarship of Wuhan University (2024-2025)
- First-class Scholarship of Wuhan University (2023-2024)
- Freshman Scholarship of Wuhan University (2023-2024)

Contest Experience

- Second Prize in National College Student Computer System Programming Contest - Operating System Design Contest (National) - OS Kernel Implementation Track
- Second Prize in National College Student Computer System Programming Contest - Intelligent System Innovation Design Contest (Xiaomi Cup)
- Second Prize in 2025 Contemporary Undergraduate Mathematical Contest in Modeling (Provincial)
- Huazhong Cup Mathematical Contest in Modeling
- Second Prize in The 13th Chinese Mathematics Competitions (Non-Mathematics Category)

Technical Skills and Related Projects

- I am proficient in **operating system kernel development**, with a solid foundation in computer systems, and am capable of system-level programming and performance optimization.
Kernel project address: <https://github.com/guankaiqi/F7LY-OS-Kernel.git>
- I have a good understanding of the basic concepts of distributed learning, with some knowledge of federated learning.
A related paper has been accepted by NeurIPS 2025.
Project address: <https://github.com/guankaiqi/FedPW.git>

Education

Wuhan University | School of Computer Science | Undergraduate

2023.09—2027.06 (Expected)