

Stanford



Zhiqiang Xie

Ph.D. Student in Computer Science, admitted Autumn 2022

Bio

LINKS

- My Personal Page: <https://zhiqiangxie.com>

Research & Scholarship

LAB AFFILIATIONS

- Christos Kozyrakis, Platform (9/26/2022)

Publications

PUBLICATIONS

- **DSTC: Dual-Side Sparse Tensor Core for DNNs Acceleration on Modern GPU Architectures** *IEEE TRANSACTIONS ON COMPUTERS*
Zhang, C., Wang, Y., Xie, Z., Guo, C., Liu, Y., Leng, J., Ji, Z., Xie, Y., Huang, R.
2025; 74 (2): 341-355
- **High-throughput and Flexible Host Networking for Accelerated Computing**
Skiadopoulos, A., Xie, Z., Zhao, M., Cai, Q., Agarwal, S., Adelman, J., Ahern, D., Contavalli, C., Goldflam, M., Mayatskikh, V., Raja, R., Walton, D., Agarwal, et al
USENIX ASSOC.2024: 405-423
- **An Extensible, Data-Oriented Architecture for High-Performance, Many-World Simulation** *ACM TRANSACTIONS ON GRAPHICS*
Shacklett, B., Rosenzweig, L., Xie, Z., Sarkar, B., Szot, A., Wijmans, E., Koltun, V., Batra, D., Fatahalian, K.
2023; 42 (4)