YUEQI WANG

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EDUCATION

University of Pittsburgh Aug. 2022 - Present
Ph.D. in Computer Science
Advisor: Dr. Xulong Tang
(Computer architectures, high-performance computing systems.)

Sun Yat-sen University Sept. 2018 - Jun. 2022
B.E. in Software Engineering

Sun Yat-sen University Sept. 2016 - Jul. 2018
Undergraduate in Atmospheric Science (transferred to SE)

SELECTED PUBLICATIONS

[1] **Yueqi Wang**, Bingyao Li, Mohamed Tarek Ibn Ziad, Lieven Eeckhout, Jun Yang, Aamer Jaleel, and Xulong Tang, "OASIS: Object-Aware Page Management for Multi-GPU Systems", *The 31th IEEE International Symposium on High-Performance Computer Architecture.* **(HPCA 2025)**

[2] **Yueqi Wang***, Bingyao Li*, Aamer Jaleel, Jun Yang, and Xulong Tang, "GRIT: Enhancing Multi-GPU Performance with Fine-Grained Dynamic Page Placement", *The 30th IEEE International Symposium on High-Performance Computer Architecture.* **(HPCA 2024)**

[3] Bingyao Li, **Yueqi Wang**, Tianyu Wang, Lieven Eeckhout, Jun Yang, Aamer Jaleel, and Xulong Tang, "STAR: Sub-Entry Sharing-Aware TLB for Multi-Instance GPU", *In Proceedings of the 57th IEEE/ACM International Symposium on Microarchitecture.* **(MICRO 2024)**

[4] Bingyao Li, Yanan Guo, **Yueqi Wang**, Aamer Jaleel, Jun Yang, Xulong Tang, "IDYLL: Enhancing Page Translation in Multi-GPUs via Light Weight PTE Invalidations", *In Proceedings of the 56th IEEE/ACM International Symposium on Microarchitecture.* **(MICRO 2023)**

[5] Bingyao Li, **Yueqi Wang,** Xulong Tang, "Orchestrated Scheduling and Partitioning for Improved Address Translation in GPUs", *The 60th Design Automation Conference.* **(DAC 2023)**

RESEARCH EXPERIENCE

University of Pittsburgh 2022 - Present
Research Assistant
Advisor: Dr. Xulong Tang
• Design architectures and system features for multi-GPU systems, with a focus on address translation and virtual memory management.

SELECTED HONORS & AWARDS

Student Travel Grant, MICRO	2023
Sun Yat-sen University Scholarship	2020
Google APAC Women Techmakers Scholars	2020
Sun Yat-sen University Scholarship	2019

TEACHING EXPERIENCE

- Teaching Assistant of CS 0445: Algorithms and Data Structures 1, Pitt, Fall 2022 & Summer 2023
- Teaching Assistant of CS 1621: Structure Programming Languages, Pitt, Spring 2023 & Spring 2024
- Teaching Assistant of CS 0447: Computer Organization and Assembly Language, Pitt, Summer 2023
- Teaching Assistant of CS 1541: Introduction to Computer Architecture, Pitt, Fall 2023
- Teaching Assistant of CS 2410: Computer Architecture, Pitt, Spring 2024