YUEQI WANG

 210 S. Bouquet Street, Sennott Square 6504, Pittsburgh, PA, 15232

 yuw249@pitt.edu   +1 (412) 951-0527

EDUCATION

University of Pittsburgh   Aug. 2022 - Present
Ph.D. in Computer Science
Advisor: Dr. Xulong Tang

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

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

PUBLICATIONS

[1] 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**)

[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, 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**)

[4] 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

Sun Yat-sen University Scholarship,	2019
Sun Yat-sen University Scholarship,	2020
Google APAC Women Techmakers Scholars,	2020

TEACHING

- 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