

Fangzhou Ye

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EDUCATION

- Bachelor in Electronic Science and Engineering: September, 2019-June, 2023.

College of Info. Science and Electronic Engineering, Zhejiang University, Hangzhou, Zhejiang, China.

- Ph.D. in Computer Science: August, 2023-August, 2024.

Department of Computer Science, University of Central Florida, Orlando, FL, US.

Thesis advisor: Dr. Hao Zheng

- Ph.D. in Computer Engineering: August, 2024-Present.

Department of Electrical and Computer Engineering, University of Central Florida, Orlando, FL, US.

Thesis advisor: Dr. Hao Zheng

RESEARCH INTEREST

- Computer Architecture, Machine Learning, Accelerator Design.

SKILLS

- Programming languages: C, C++, Python and Pytorch, MATLAB, Verilog.

PROFESSIONAL EXPERIENCE

Student Research Training Program (at the national level) in the Zhejiang University June, 2021 – May, 2022

- Using Model Segmentation Method for Wireless Federated Learning
- Designed a distributed communication system and method based on Pytorch in Python

Internship at Office of Global Engagement, Zhejiang University September, 2021-December, 2021

- Handled general affairs as a student assistant

Teaching/Research Graduate Assistant, University of Central Florida August, 2023-Present

- Teaching/Research Graduate Assistant

SELECTED PUBLICATION

PAPER

- **Fangzhou Ye***, Lingxiang Yin*, Amir Ghazizadeh Ahsaei and Hao Zheng. “EGMA: Enhancing Data Reuse and Workload Balancing in Message Passing GNN Acceleration via Gram Matrix Optimization”, In Proceedings of the 61th Design Automation Conference (DAC) (Top-tier Conference), San Francisco, CA, June 23-27, 2024.

PATENT

- Shi Binpu, **Ye Fangzhou**, Liu Shengli, Chen Haoyang, YU Guanding, “A distributed communication and method”, submitted to CNIPA 2022.

SELECTED PUBLICATION

- ORCGS Doctoral Fellowship, UCF, 2023.

PROFESSIONAL ACTIVITIES

CONFERENCE AND JOURNAL REVIEW

- Assisted professor in reviewing papers: IEEE International Parallel & Distributed Processing Symposium (IPDPS), 2024.
- Assisted professor in reviewing papers: IEEE/ACM Design Automation Conference (DAC), 2024
- Assisted professor in reviewing papers: ACM/IEEE International Conference on Computer-Aided Design (ICCAD), 2024