

Hao Wu

wuhao5@hust.edu.cn

Applying for a postdoctoral position

+86 15377528485

WuHan, China

Education

Huazhong University of Science and Technology, WuHan, China Sept 2020 – current
PhD student

Thesis advisor: Prof. Song Wu

Research interest in resource management in Serverless Computing

HongKong University of Science and Technology, HongKong Dec 2023 – Dec 2024

Research Assistant

Research interest in Serverless Computing and LLM Inference

Research Interests

Serverless computing, Cloud computing, and Containers

CPU and GPU heterogeneous hardware programming(CUDA)

Data-intensive analytics applications (e.g., MapReduce, Spark jobs)

Publications

GRouter: Efficient GPU-centric Data Passing for Serverless Computing

Hao Wu, Yue Yu, Junxiao Deng, Wei Wang, Song Wu, Hai Jin

Under review of ASPLOS 2025

StreamBox: A Lightweight GPU SandBox for Serverless Inference

Hao Wu, Yue Yu, Junxiao Deng, Shadi Ibrahim, Hao Fan, Song Wu, Hai Jin

Accepted by USENIX ATC 2024

QoS-Aware and Cost-Efficient Resource Allocation for Serverless ML Workflow

Hao Wu, Junxiao Deng, Shadi Ibrahim, Hao Fan, Song Wu, Hai Jin

Conference paper. 37th IEEE International Parallel & Distributed Processing Symposium,

(Published DOI: 10.1109/IPDPS54959.2023.00093)

St. Petersburg, Florida, USA. May 2023

A Hybrid Approach to Service Recommendation Based on Representation Learning

Hao Wu, Hanyu Zhang, Peng He, Cheng Zeng, Yan Zhang

Journal article. IEEE Access. Volume 7. 2019.

(Published DOI: 10.1109/ACCESS.2019.2913947)

Truser: An Approach to Service Recommendation Based on Trusted Users

Peng He, **Hao Wu**, Cheng Zeng

Journal article. Chinese Journal of Computer. Volume 49. 2019.

(Published DOI: 10.11897/SP.J.1016.2019.00851)

Honors & Awards

Huazhong University of Science and Technology First-class Academic Scholarship

2022

Huazhong University of Science and Technology First-class Academic Scholarship

2021

Hobbies

Sports, such as playing badminton, running and bodybuilding

Pop music and classical music