

# Shaofeng Wu

Ph.D. Candidate

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## Education

- **The Chinese University of Hong Kong (CUHK)** Hong Kong SAR, China  
Doctor of Philosophy in Computer Science and Engineering Aug 2022 - June 2026 (expected)
- **University of Science and Technology of China (USTC)** Anhui, China  
Second Bachelor of Engineering in Computer Science and Technology; GPA: 3.71/4.30 July 2020 - June 2022
- **University of Science and Technology of China (USTC)** Anhui, China  
Bachelor of Natural Science in Material Physics; GPA: 3.76/4.30 July 2016 - June 2020

## Work Experience

- **Research Intern**, Microsoft Research Asia, Beijing 2024-Now, Onsite, Full-time  
*Project: SONiC DASH SmartSwitch* *Mentor: Zhixiong Niu*
- **Research Intern**, Microsoft Research Asia, Shanghai 2021-2022, Remote & Onsite, Full-time  
*Project: Reliable Driver* *Mentor: Shuotao Xu*

## Publications

### Conference

- **Shaofeng Wu<sup>#</sup>**, Qiang Su<sup>#</sup>, Zhixiong Niu, Hong Xu. Performance Prediction of On-NIC Network Functions with Multi-Resource Contention and Traffic Awareness. In *Proc. ACM ASPLOS*, 2025.

### Preprint

- Qiang Su, **Shaofeng Wu**, Zhixiong Niu, Ran Shu, Peng Cheng, Yongqiang Xiong, Chun Jason Xue, Zaoxing Liu, and Hong Xu. Meili: Enabling SmartNIC as a service in the cloud. *arXiv preprint arXiv:2312.11871*, 2024.

### Workshop

- Qiang Su, **Shaofeng Wu**, Zhixiong Niu, Ran Shu, Peng Cheng, Yongqiang Xiong, Chun Jason Xue, Zaoxing Liu, Hong Xu. Meili: Towards SmartNIC as a Service. In *Proc. ACM SIGCOMM Demos and Posters*, 2023.

## Teaching

- **Teaching Assistant** Onsite  
CSCI3150 Introduction to Operating Systems CUHK 2024 Fall, Class Size: 210
- **Teaching Assistant** Onsite  
ENGG1110F Problem Solving By Programming CUHK 2024 Spring, Class Size: 100
- **Teaching Assistant** Onsite  
CSCI4430-ESTR4120 Computer Networks CUHK 2023 Fall, Class Size: 25
- **Teaching Assistant** Onsite  
CSCI3150 Introduction to Operating Systems CUHK 2023 Spring, Class Size: 80

## Awards

- Provost's Strategic Allocation of Centrally-Funded RPg Places, 2022-2026
- Outstanding Graduates Award in USTC, June 2020
- Outstanding Graduation Thesis in USTC, June 2020
- Outstanding Undergraduate Scholarship in USTC (4%), 2017, 2018, 2019

## Skill Set

- **Languages:** Chinese(native), English(fluent)
- **Programming:** C, Python, P4
- **Platforms:** Linux