

Haonan Wu



Research Area: Cloud Storage and Network

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Date of Birth: October. 1997 Address: 800 Dongchuann Road, Shanghai, 201100

Education and Research

Alibaba Cloud 06/2022-Present

✧ Research internship of Alibaba Innovative Project (AIR)

Shanghai Jiao Tong University 09/2020-Present

Ph.D. candidate of Computer Science, School of Electronic Information and Electrical Engineering

✧ GPA: 3.62 / 4.0

✧ 2020-2022 Teaching Assistant of Computer Network

University of Electronic Science and Technology of China 09/2016-06/2020

Bachelor of Network Engineering, School of Information and Communication Engineering

✧ GPA: 3.95/4.0, Rank: 3/111 (2.7%)

✧ 2019 National Scholarship (1.8%)

✧ 2017-2019 Scholarship for Outstanding Students, First Prize (5%)

✧ 2018 China Undergraduate Mathematical Contest in Modeling(CUMCM), Sichuan Province Second Prize

✧ 2019 Mathematical Contest In Modeling (MCM/ICM), Honorable Mention

Publications

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|-------------------------|---|
| EuroSys
2025 | Hey Hey, My My, Skewness Is Here to Stay: Challenges and Opportunities in Cloud Block Store Traffic
<i>Haonan Wu</i> , Erci Xu, Ligang Wang, Yuandong Hong, Changsheng Niu, Bo Shi, Lingjun Zhu Jinnian He, Dong Wu, Weidong Zhang, Qiuping Wang, Changhong Wang, Xinqi Chen, Guangtao Xue, Yi-chao Chen, Dian Ding |
| OSDI
2024 | Ransom Access Memories: Achieving Practical Ransomware Protection in Cloud with DeftPunk
Zhongyu Wang, Yaheng Song, Erci Xu, <i>Haonan Wu</i> , Guangxun Tong, Shizhuo Sun, Haoran Li, Jincheng Liu, Lijun Ding, Rong Liu, Jiaji Zhu, Jiasheng Wu |
| ATC
2023 | Deploying user-space TCP at cloud scale with LUNA
Lingjun Zhu, Yifan Shen, Erci Xu, Bo Shi, Ting Fu, Shu Ma, Shuguang Chen, Zhongyu Wang, <i>Haonan Wu</i> , Xingyu Liao, Zhendan Yang, Zhongqing Chen, Wei Lin, Yijun Hou, Rong Liu, Chao Shi, Jiaji Zhu, Jiasheng Wu |
| INFOCOM
2022 | OnionCode: Enabling Multi-priority Coding in LED-based Optical Camera Communications
<i>Haonan Wu</i> , Yi-Chao Chen, Guangtao Xue, Yuehu Jiang, Ming Wang, Shiyu Qian, Jiadi Yu, Pai-Yen Chen |
| UbiComp
2021 | Material Identification System with Sound Simulation Assisted Method in VR/AR Scenarios
Yezhou Wang, Zhang Runting, <i>Haonan Wu</i> , Guangtao Xue |

Research Interests

Datacenter Network, High-performance Network Protocol, Distributed Storage