

Zezhou Wang

zezhou@cs.washington.edu

Education

University of Washington

Ph.D. student in Computer Science
Advisor: Prof. Arvind Krishnamurthy

Seattle, WA
Feb 2026 – present

University of Washington

M.S. in Computer Science
Advisor: Prof. Simon Peter and Prof. Tom Anderson

Seattle, WA
Sep 2023 – Dec 2025

Peking University

B.S. in Computer Science

Beijing, China
Sep 2019 – Jul 2023

Professional Experience

ByteDance Seed

Research Intern
Mentors: Jiacheng Yang, Youjie Li, and Yanghua Peng
veScale-FSDP: Flexible and High-Performance FSDP at Scale

Seattle, WA
Jun 2025 – present

Alibaba Cloud

Research Intern
Mentors: Jiaqi Gao and Ennan Zhai
Optimizing application-layer Load Balancer with Programmable Switch

Beijing, China
Oct 2022 – Jul 2023

Harvard University

Research Intern
Mentors: Prof. Yang Zhou and Prof. Minlan Yu
Accelerating Distributed Protocols with eBPF

Cambridge, MA
Apr 2022 – Dec 2022

Publications

FM2: Fast Live VM Migration in CXL Memory Pools

Zezhou Wang*, Jonggyu Park*, Shihang Li, Pedro Henrique Penna, Thomas Anderson, Simon Peter
In submission to SIGOPS ATC 2026

veScale-FSDP: Flexible and High-Performance FSDP at Scale

Zezhou Wang*, Youjie Li*, Zhiqi Lin*, Jiacheng Yang*, Cong Xie, Guanyu Feng, Zheng Zhong, Ziyue Huang, Hongyu Zhu, Zhi Zhang, Yanghua Peng, Xin Liu
MLSYS 2026

ForestColl: Throughput-Optimal Collective Communications on Heterogeneous Network Fabrics

Liangyu Zhao, Saeed Maleki, Yuanhong Wang, **Zezhou Wang**, Ziyue Yang, Hossein Pourreza, Arvind Krishnamurthy
USENIX NSDI 2026

Electrode: Accelerating Distributed Protocols with eBPF

Yang Zhou*, **Zezhou Wang***, Sowmya Dharanipragada, Minlan Yu
USENIX NSDI 2023

SK-Gradient: Efficient Communication for Distributed Machine Learning with Data Sketch

Jie Gui, Yuchen Song, **Zezhou Wang**, Chenhong He, Qun Huang
IEEE ICDE 2023

Teaching Experience

- Teaching Assistant for Prof. Arvind Krishnamurthy, CSEP590A: Systems for ML, Spring 2026

- Teaching Assistant for Prof. Kurtis Heimerl, CSEP561: Network Systems, Winter 2026
- Teaching Assistant for Prof. Simon Peter, CSE453: Data Center Systems, Fall 2025

Awards

- John Hopcroft Scholarship of Turing Class, Dec 2022
- John Hopcroft Scholarship of Turing Class, Dec 2021
- Gold Medal (Third Place), 2020 ICPC Asia Yinchuan Regional Contest, May 2021
- Gold Medal, 2020 ICPC Asia Nanjing Regional Contest, Dec 2020
- Award for Academic Excellence, Dec 2020
- Outstanding Freshman Scholarship, Peking University School of EECS, Oct 2019
- Gold Medal, Chinese National Olympiad in Informatics, Jul 2018