

CONTACT INFORMATION	School of Computing University of Nebraska-Lincoln Lab: 104 Avery Hall, Lincoln, NE, United States Email: mzhao7@huskers.unl.edu Tel: 402-318-4392
RESEARCH INTERESTS	Wireless Communication, Reinforcement Learning, Edge Computing, Computer Networks
EXPERIENCE	Graduate Research Assistant 2023 – Present <ul style="list-style-type: none"> ◇ Research on federated learning in edge computing for autonomous driving and vehicular networks ◇ Research on AI/ML in Open RAN, e.g., safe and robust deep reinforcement learning
EDUCATION	University of Nebraska – Lincoln , Lincoln, NE 2023 – Present <ul style="list-style-type: none"> • Ph.D. student in Computer Science Xidian University , Xi'an, China 2020 – 2023 <ul style="list-style-type: none"> • M.S. in Telecommunications Engineering (GPA: 3.61/4.00) Xidian University , Xi'an, China 2016 – 2020 <ul style="list-style-type: none"> • B.E. in Telecommunications Engineering (GPA: 3.50/4.00)
HONORS AND AWARDS	◇ <i>Student Travel Grant</i> for the Workshop on Airborne Computing, UTA 2023 ◇ <i>Chancellor's Fellowship Award</i> , University of Nebraska – Lincoln 2023 ◇ <i>Research Assistant Fellowship Award</i> , University of Nebraska – Lincoln 2023 ◇ <i>Excellent Graduate Student Award</i> , Xidian University 2023 ◇ <i>National Scholarship Award</i> , China 2022 ◇ <i>Excellent Graduate Student Award</i> , Xidian University 2022 ◇ <i>Academic Scholarship Award</i> , Xidian University 2021
PUBLICATIONS	4. M. Zhao , Y. Zhang, Q. Liu, “LeFi: Learn to Incentivize Federated Learning in Automotive Edge Computing”, in <i>IEEE GLOBECOM 2024</i> (submitted), https://arxiv.org/abs/2311.12720 3. Y. Zhang, M. Zhao , Q. Liu, Nakjung Choi, “Learn to Augment Network Simulators Towards Digital Network Twins”, in <i>IEEE INFOCOM Workshop (NG-OPERA)</i> , Accepted, Vancouver, CA, May, 2024, https://arxiv.org/abs/2311.12745 2. M. Zhao , C. Chen, L. Liu, D. Lan, S. Wan, “Orbital collaborative learning in 6G space-air-ground integrated networks”, in <i>Neurocomputing</i> , Apr. 2022 1. L. Liu, M. Zhao , M. Yu, M. Jan, D. Lan, A. Taherkordi, “Mobility-Aware Multi-Hop Task Offloading for Autonomous Driving in Vehicular Edge Computing and Networks”, in <i>IEEE Transactions on Intelligent Transportation Systems</i> , Mar. 2022
ACADEMIC ACTIVITIES	◇ Participate in 2023 Workshop on Enhanced Open Networked Airborne Computing Platform, University of Texas at Arlington Research Institute, USA, Oct. 2023 ◇ Participate in Agriculture and Rural Communities (ARA) Public Launch, Iowa State University, Ames, USA, Sep. 2023
SERVICE	◇ Reviewer, Multimedia Tools and Applications, 2023 ◇ Reviewer, ACM/IEEE SEC 2023 Posters