

CONTACT INFORMATION	School of Computing University of Nebraska-Lincoln Lab: 104 Avery Hall, Lincoln, NE, United States Email: <a href="mailto:mzhao7@huskers.unl.edu">mzhao7@huskers.unl.edu</a> Tel: 402-318-4392	
RESEARCH INTERESTS	Wireless Communication, Reinforcement Learning, Edge Computing, Computer Networks	
EXPERIENCE	<b>Graduate Research Assistant</b> <ul style="list-style-type: none"> <li>Research on federated learning in edge computing for autonomous driving and vehicular networks</li> <li>Research on AI/ML in Open RAN, e.g., safe and robust deep reinforcement learning</li> </ul>	2023 – Present
EDUCATION	<b>University of Nebraska – Lincoln</b> , Lincoln, NE <ul style="list-style-type: none"> <li>Ph.D. student in Computer Science</li> </ul> <b>Xidian University</b> , Xi'an, China <ul style="list-style-type: none"> <li>M.S. in Telecommunications Engineering (GPA: 3.61/4.00)</li> </ul> <b>Xidian University</b> , Xi'an, China <ul style="list-style-type: none"> <li>B.E. in Telecommunications Engineering (GPA: 3.50/4.00)</li> </ul>	2023 – Present  2020 – 2023  2016 – 2020
HONORS AND AWARDS	<ul style="list-style-type: none"> <li><i>Student Travel Grant</i> for the Workshop on Airborne Computing, UTA</li> <li><i>Chancellor's Fellowship Award</i>, University of Nebraska – Lincoln</li> <li><i>Research Assistant Fellowship Award</i>, University of Nebraska – Lincoln</li> <li><i>Excellent Graduate Student Award</i>, Xidian University</li> <li><i>National Scholarship Award</i>, China</li> <li><i>Excellent Graduate Student Award</i>, Xidian University</li> <li><i>Academic Scholarship Award</i>, Xidian University</li> </ul>	2023 2023 2023 2023 2022 2022 2021
PUBLICATIONS	<ol style="list-style-type: none"> <li>M. Zhao, Y. Zhang, Q. Liu, “LiFi: Learn to Incentivize Federated Learning in Automotive Edge Computing”, in <i>IEEE International Conference on Communications</i>(submitted), <a href="https://arxiv.org/abs/2311.12720">https://arxiv.org/abs/2311.12720</a></li> <li>Y. Zhang, M. Zhao, Q. Liu, Nakjung Choi, “Learn to Augment Network Simulators Towards Digital Network Twins”, in <i>IEEE International Conference on Communications</i>(submitted), <a href="https://arxiv.org/abs/2311.12745">https://arxiv.org/abs/2311.12745</a></li> <li>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</li> <li>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</li> </ol>	
ACADEMIC ACTIVITIES	<ul style="list-style-type: none"> <li>Participate in 2023 Workshop on Enhanced Open Networked Airborne Computing Platform, University of Texas at Arlington Research Institute, USA, Oct. 2023</li> <li>Participate in Agriculture and Rural Communities (ARA) Public Launch, Iowa State University, Ames, USA, Sep. 2023</li> </ul>	
SERVICE	<ul style="list-style-type: none"> <li>Reviewer, Multimedia Tools and Applications, 2023</li> <li>Reviewer, ACM/IEEE SEC 2023 Posters</li> </ul>	