

Ningxin Su

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PERSONAL INFORMATION	<i>Citizenship</i> Chinese	
RESEARCH INTERESTS	Federated learning, Metaverse, Distributed machine learning and Networking.	
EDUCATION	University of Toronto , Toronto, Ontario, Canada <i>Department of Electrical and Computer Engineering</i> ◇ Ph.D. Student , Electrical and Computer Engineering, September 2020 – now <i>Advisor:</i> Baochun Li, Department of Electrical and Computer Engineering The University of Sheffield , Sheffield, South Yorkshire, England <i>Department of Data Communications</i> ◇ M.Sc. , Master of Science in Engineering, November 2020 Beijing University of Posts and Telecommunications (BUPT) , Beijing China <i>International School</i> (Joint Programme co-held by BUPT & Queen Mary University of London) ◇ B.Engr. & B.Management , E-Commerce Engineering with Law, June 2019	
PUBLICATIONS	Ningxin Su , Baochun Li. “How Asynchronous can Federated Learning Be?” in the Proceedings of <i>IEEE/ACM International Symposium on Quality of Service (IWQoS)</i> , Virtual Conference, June 10 – 12, 2022. Ningxin Su , Baochun Li. “Asynchronous Federated Unlearning,” in the Proceedings of <i>IEEE International Conference on Computer Communications (INFOCOM)</i> , New York, USA, May 17 – 20, 2023. Ningxin Su , Baochun Li, Bo Li. “Multi-Server Stable Rendezvous for the Metaverse,” in the Proceedings of <i>IEEE International Conference on Metaverse Computing, Networking and Applications (MetaCom)</i> , Kyoto, Japan, June 26 – 28, 2023 (Best Paper Award). Baochun Li, Ningxin Su , Chen Ying, Fei Wang. “Plato: An Open-Source Research Framework for Production Federated Learning,” in the Proceedings of <i>ACM Turing Award Celebration Conference (TURC)</i> , Wuhan, China, July, 2023.	

Ningxin Su, Baochun Li. “MLOps in the Metaverse: Human-Centric Continuous Integration,” in *IEEE Journal on Selected Areas in Communications (JSAC)*, Special issue on Human-Centric Communication and Networking for Metaverse over 5G and Beyond Networks, September 2023.

Ningxin Su, Chenghao Hu, Baochun Li, Bo Li. “Titanic: Towards Production Federated Learning with Large Language Models,” in the Proceedings of *IEEE International Conference on Computer Communications (INFOCOM)*, Vancouver, Canada, May 20 – 23, 2024.

PROFESSIONAL
EXPERIENCE

University of Toronto, Edward S. Rogers Sr. Department of Electrical and Computer Engineering, Toronto, Ontario, Canada

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September — now
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The reviewer of

IEEE Transactions on Big Data

IEEE Transactions on Computational Social Systems

IEEE Transactions on Cloud Computing