Junxiao Wang

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Research Interests

Computer networks, with a special focus on software defined networks, virtualized network function and cloud

Employment

2016-Present **Dalian University of Technology (DUT)**, Dalian, China
Ph.D. Computer Science, candidate
Advisor: Prof. Keqiu Li

Education

2014-2017 **Dalian University of Technology (DUT)**, Dalian, China
M.Sc. Computer Science
Advisor: Prof. Keqiu Li

2010-2014 **Dalian Maritime University (DMU)**, Dalian, China
B.Eng. Software Engineering

Professional Activities

2019.12 Session Chair for IEEE International Conference on Parallel and Distributed Systems (ICPADS)

2018.10-2019.10 Visiting Researcher, working with Prof. Steve Uhlig, Head of the Networks Research Group at Queen Mary, University of London

Publications

Keyan Zhao, **Junxiao Wang**, Heng Qi, Xin Xie, Keqiu Li, "HBL-Sketch: A New Three-tier Sketch for Accurate Network Measurement" in *International Conference on Algorithms and Architectures for Parallel Processing*, 2019.

Junxiao Wang, Heng Qi, Yang He, Wenxin Li, Keqiu Li, Xiaobo Zhou, "FlowTracer: An Effective Flow Trajectory Detection Solution Based on Probabilistic Packet Tagging in SDN-Enabled Networks" in *IEEE Transactions on Network and Service Management*, 2019.

Wenrui Zhou, Yuan Cao, Heng Qi, and **Junxiao Wang**, "An Effective Network Intrusion Detection Framework Based on Learning to Hash" in *IEEE International Conference on Smart Internet of Things*, 2019.

Wanqian Zhang, **Junxiao Wang**, Sheng Chen, Heng Qi, Keqiu Li, "A Framework for Resource-aware Online Traffic Classification Using CNN" in *International Conference on Future Internet Technologies*, 2019.

Junxiao Wang, Yuchen Huang, Heng Qi, Keqiu Li, Steve Uhlig, "CLICK-UP: Towards Software Upgrades of Click-driven Stateful Network Element" in *ACM SIGCOMM Conference Demo*, 2018.

Junxiao Wang, Heng Qi, Keqiu Li, Xiaobo Zhou, "PRSFC-IoT: A Performance and Resource Aware Orchestration System of Service Function Chaining for Internet of Things" in *IEEE Internet of Things Journal*, 2018.