Junxiao Wang

No.2 Linggong Road, Ganjingzi District
Dalian City 116024, P.R.China
✉ *wangjunxiao@live.com*
🖵 *jxiao.wang*

Research Interests

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

Employment

2016-Present **Dalian University of Technology (DLUT)**, Dalian, China

Ph.D. Computer Science, candidate

Advisor: Prof. Keqiu Li

Education

2014-2017 **Dalian University of Technology (DLUT)**, Dalian, China

M.Sc. Computer Science

Advisor: Prof. Keqiu Li

2010-2014 **Dalian Maritime University (DLMU)**, Dalian, China

B.Eng. Software Engineering

Awards and Honors

2019 Excellent Paper Award, the Academic Conference of the Liaoning Computer Society

2015 First Prize, Best Creative Award, Postgraduate Group, the National SDN Contest

Publications

Keyan Zhao, **Junxiao Wang**, Heng Qi, Xin Xie, Keqiu Li, "HBL-Sketch: A New Three-tier Sketch for Accurate Network Measurement" in *Conference on Algorithms and Architectures for Parallel Processing*, (**ICA3PP**), 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*, (**TNSM**), 2019.

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

Wanqian Zhang, **Junxiao Wang**, Sheng Chen, Heng Qi, Keqiu Li, "A Framework for Resource-aware Online Traffic Classification Using CNN" in *ACM Conference on Future Internet Technologies*, (**CFI**), 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'18 Demo*.

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*, (**IoTJ**), 2018.

Professional Activities

2018-2019   Visiting Researcher, working with Prof. Steve Uhlig, Head of the Networks Research Group at Queen Mary, University of London

Computer Skills

Programming   C, Python, Java

Miscellaneous   OpenStack, Click Modular Router, OpenFlow

References

Available upon request