



JUNXIAO WANG

CONTACT

email wangjunxiao@live.com
homepage <https://jxiao.wang>
github <https://github.com/wangjunxiao>
linkedin <https://www.linkedin.com/in/junxiao-wang-5783777b>
google scholar <https://scholar.google.com/citations?user=H6RsGygAAAAJ>

EDUCATION

	2016–now	Ph.D. candidate
Dalian University of Technology	Department of Computer Science, Research Topics: Federated Machine Learning, Future Network Architecture, Cloud Computing Advisor: Prof. Keqiu Li	
	2014–2017	M.Eng.
Dalian University of Technology	Department of Computer Science Advisor: Prof. Keqiu Li	
	2010–2014	B.Eng.
Dalian Maritime University	Department of Software Engineering Recommended and Exam-exempted Postgraduate	

PROFESSIONAL ACTIVITIES

2020.10	PC Member for IEEE ICPADS Workshop on Network Computing and Data Management (NCDM).
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.

SELECTED PUBLICATIONS

- [1] **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”. IEEE Internet of Things Journal, 2018.
[JCR Q1, Impact Factor 9.936]
- [2] **Junxiao Wang**, Heng Qi, Yang He, Wenxin Li, Keqiu Li. “FlowTracer: An Effective Flow Trajectory Detection Solution Based on Probabilistic Packet Tagging in SDN-Enabled Networks”. IEEE Transactions on Network and Service Management, 2019.
[JCR Q1, Impact Factor 3.878]
- [3] **Junxiao Wang**, Heng Qi, Keqiu Li, Steve Uhlig. “Click-UP: Towards the Software Upgrade of Click based Modular Network Function”. IEEE Systems Journal, 2020.
[JCR Q1, Impact Factor 3.987]

- [4] Keyan Zhao, **Junxiao Wang**, Heng Qi, Xin Xie, Keqiu Li. "HBL-Sketch: A New Three-tier Sketch for Accurate Network Measurement". International Conference on Algorithms and Architectures for Parallel Processing, 2019.
- [5] Wanqian Zhang, **Junxiao Wang**, Sheng Chen, Heng Qi, Keqiu Li. "A Framework for Resource-aware Online Traffic Classification Using CNN". International Conference on Future Internet Technologies, 2019.

FULL LIST OF PUBLICATIONS

[Journal] **Junxiao Wang**, Heng Qi, Keqiu Li, Steve Uhlig. "Click-UP: Towards the Software Upgrade of Click based Modular Network Function". IEEE Systems Journal, 2020.

Xinping Xu, Wenxin Li, Heng Qi, **Junxiao Wang**, Keqiu Li.
 "Latency-Constrained Cost-Minimized Request Allocation for Geo-distributed Cloud Services". IEEE Open Journal of the Communications Society, 2020.
 [Contributed to the process of building and polishing innovation points]

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

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". IEEE Internet of Things Journal, 2018.

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

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

Wenrui Zhou, Yuan Cao, Heng Qi, **Junxiao Wang**. "An Effective Network Intrusion Detection Framework Based on Learning to Hash". IEEE International Conference on Smart Internet of Things, 2019.
 [Contributed to the process of building and polishing innovation points]

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