

Curriculum Vitae

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Zhejiang University

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EMPLOYMENT

- 2018.12 – present Zhejiang University
Associate Professor. College of Computer Science and Technology
- 2013.09 – 2018.12 Zhejiang University
Assistant Professor. College of Computer Science and Technology
- 2015.07 – 2015.08 The Hong Kong Polytechnic University
Research Associate. Department of Computing
- 2018.05 – 2018.08 Simon Fraser University
Visiting Professor. School of Computing Science

EDUCATION

- 2009.05 – 2013.06 The Hong Kong Polytechnic University
Ph.D. Department of Computing
- 2006.09 – 2009.04 Nanjing University of Posts and Telecommunications
M.E. School of Computer Science and Technology
- 2002.09 – 2006.06 Nanjing University of Posts and Telecommunications
B.E. School of Computer Science and Technology

HONORS&AWARDS

- 2022 Teaching Award in Chu Kochen Honors College of Zhejiang University
- 2020 Distinguished TPC Member of INFOCOM 2020
- 2017 The Best Teaching Award at Zhejiang University (Second Class)
- 2016 Best Paper Nominees of IEEE ICDCS 2016
- 2012 The Hong Kong Polytechnic University, COMP Annual Research Day 2012
The Honorable Mention Award for The Student Research Competition
- 2011 The Best Paper Award of IEEE/IFIP EUC 2011 (Second Author)
- 2005 Nanjing University of Posts and Telecommunications
The Best Student Award (Applicable to Top 5%)
- 2005 Nanjing University of Posts and Telecommunications
Second-Class Studentship (Applicable to Top 10%)
- 2004 Nanjing University of Posts and Telecommunications
Third-Class Studentship (Applicable to Top 15%)

TEACHING EXPERIENCE

- | | | |
|-------------|---------------------------------------|------------|
| Spring 2023 | Network Security Theory and Practice | Instructor |
| Fall 2022 | Introduction to Computer Architecture | Instructor |
| Spring 2022 | Network Security Theory and Practice | Instructor |
| Fall 2021 | Introduction to Computer Architecture | Instructor |

Spring 2021	Network Security Theory and Practice	Instructor
Fall 2020	Introduction to Computer Architecture	Instructor
Spring 2020	Network Security Theory and Practice	Instructor
Fall 2019	Introduction to Computer Architecture	Instructor
Spring 2019	Network Security Theory and Practice	Instructor
Fall 2018	Introduction to Computer Architecture	Instructor
Summer 2018	Simon Fraser University: Operating Systems I	Instructor
Fall 2017	Introduction to Computer Architecture	Instructor
Fall 2016	Introduction to Computer Architecture	Instructor
Fall 2016	Comprehensive Laboratory Practice of Information Security	Instructor
Spring 2016	Introduction to Computer Architecture	Instructor
Fall 2015	Comprehensive Laboratory Practice of Information Security	Instructor
Summer 2015	Comprehensive Laboratory Practice of Information Security	Instructor
Spring 2015	Introduction to Computer Architecture	Instructor
Summer 2014	Comprehensive Laboratory Practice of Information Security	Co-Instructor
Spring 2014	Introduction to Computer Architecture	Instructor
Fall 2012	COMP207 Discrete Structures and Data Model	Teaching Assistant
Spring 2012	COMP202 Discrete Structures	Teaching Assistant
Fall 2011	COMP210 Discrete Structures	Teaching Assistant
Fall 2010	COMP210 Discrete Structures	Teaching Assistant

RESEARCH INTERESTS

Networking, Security.

PUBLICATIONS

Journal Articles

- [1]. Anxiao He, Xiang Li, Jiandong Fu, Haoyu Hu, **Kai Bu**, Chenlu Miao, and Kui Ren, Hummingbird: Dynamic Path Validation with Hidden Equal-Probability Sampling, *IEEE Transactions on Information Forensics and Security (TIFS)*, accepted. January 2023
- [2]. Jingsen Zhu, Mengming Li, Xingjian Zhang, **Kai Bu**, Miao Zhang, and Tianqi Song, Hitchhiker: Accelerating ORAM with Dynamic Scheduling, *IEEE Transactions on Computers (TC)*, accepted for publication. September 2022.
- [3]. Shaoke Xi, **Kai Bu**, Wensen Mao, Xiaoyu Zhang, Kui Ren, and Xinxin Ren, RuleOut Forwarding Anomalies for SDN, *IEEE/ACM Transactions on Networking (ToN)*, accepted for publication. July 2022.
- [4]. **Kai Bu**, Yutian Yang, Zixuan Guo, Yuanyuan Yang, Xing Li, and Shigeng Zhang, Securing Middlebox Policy Enforcement in SDN, *Computer Networks (ComNet)*, accepted for publication. April 2021.
- [5]. Chenghui Shi, Xiaogang Xu, Shouling Ji, **Kai Bu**, Jianhai Chen, Raheem Beyah, and Ting Wang, Adversarial CAPTCHAs, *IEEE Transactions on Cybernetics (CYB)*, accepted for

publication. March 2021.

- [6]. **Kai Bu**, Avery Laird, Yutian Yang, Linfeng Cheng, Jiaqing Luo, Yingjiu Li, and Kui Ren, Unveiling the Mystery of Internet Packet Forwarding: A Survey of Network Path Validation, *ACM Computing Surveys (CSUR)*, accepted. June 2020.
- [7]. Anxiao He, **Kai Bu**, Yucong Li, Eikoh Chida, Qianping Gu, and Kui Ren, Atomos: Constant-Size Path Validation Proof, *IEEE Transactions on Information Forensics and Security (TIFS)*, accepted. June 2020.
- [8]. Lin Ma, **Kai Bu**, Ningchao Wu, Tianxiang Luo, and Kui Ren, Atlas: A First Step Toward Multipath Validation, *Computer Networks (ComNet)*, accepted for publication. March 2020.
- [9]. Binanda Sengupta, Yingjiu Li, **Kai Bu**, and Robert Deng, Privacy-Preserving Network Path Validation, *ACM Transactions on Internet Technology (TOIT)*, accepted for publication. November 2019.
- [10]. Yinbo Yu, Xing Li, **Kai Bu**, Yan Chen, and Jianfeng Yang, Falcon: Differential Fault Localization for SDN Control Plane, *Computer Networks (ComNet)*, accepted for publication. July 2019.
- [11]. Xue Leng, Kaiyu Hou, Yan Chen, **Kai Bu**, Libin Song, and You Li, A Lightweight Policy Enforcement System for Resource Protection and Management in the SDN-based Cloud, *Computer Networks (ComNet)*, accepted for publication. May 2019.
- [12]. Jia Liu, Bin Xiao, Xuan Liu, **Kai Bu**, Lijun Chen, and Changhai Nie, Efficient Polling-based Information Collection in RFID Systems, *IEEE/ACM Transactions on Networking (ToN)*, accepted for publication. March 2019.
- [13]. **Kai Bu**, Kaiwen Zhu, Yi Zheng, Yuanyuan Yang, Yutian Yang, and Linfeng Cheng, FastLane-ing More Flows with Less Bandwidth for Software-Defined Networking, *Computer Networks (ComNet)*, accepted for publication, October 2018.
- [14]. Yinbo Yu, Xing Li, Xue Leng, Libin Song, **Kai Bu**, Yan Chen, Jianfeng Yang, Liang Zhang, Kang Cheng, and Xin Xiao, Fault Management in Software-Defined Networking: A Survey, *IEEE Communications Surveys & Tutorials*, accepted for publication, September 2018.
- [15]. **Kai Bu** and Yingjiu Li, Every Step You Take, I'll Be Watching You: Practical StepAuth-entication of RFID Paths, *IEEE Transactions on Information Forensics and Security (TIFS)*, accepted, October 2017.
- [16]. **Kai Bu**, Bin Xiao, and Yi Qian, Editorial: High Performance and Security in Cloud Computing, *Concurrency and Computation: Practice and Experience, Special Issue on High Performance and Security in Cloud Computing*, accepted for publication, June 2017.
- [17]. **Kai Bu**, Minyu Weng, Yi Zheng, Bin Xiao, and Xuan Liu, You Can Clone but You Can't Hide: A Survey of Clone Prevention and Detection for RFID, *IEEE Communications Surveys & Tutorials*, accepted for publication, March 2017.
- [18]. Xitao Wen, **Kai Bu**, Bo Yang, Yan Chen, Li Erran Li, Xiaolin Chen, Jianfeng Yang, and Xue Leng, RuleScope: Inspecting Forwarding Faults for Software-Defined Networking, *IEEE/ACM Transactions on Networking (ToN)*, accepted for publication, March 2017.
- [19]. Tiantian Zhu, Hongyu Gao, Yi Yang, **Kai Bu**, Yan Chen, Doug Downey, Kathy Lee, and Alok Choudhary, Beating the Artificial Chaos: Fighting OSN Spam using Its Own Templates, *IEEE/ACM Transactions on Networking (ToN)*, accepted for publication, April 2016.
- [20]. **Kai Bu**, Mingjie Xu, Xuan Liu, Jiaqing Luo, Shigeng Zhang, and Minyu Weng, Deterministic Detection of Cloning Attacks for Anonymous RFID Systems, *IEEE*

Transactions on Industrial Informatics (TII), accepted for publication, September 2015.

- [21]. **Kai Bu**, Junze Bao, Minyu Weng, Jia Liu, Bin Xiao, Xuan Liu, and Shigeng Zhang, Who Stole My Cheese?: Verifying Intactness of Anonymous RFID Systems, *Ad Hoc Networks*, accepted for publication, June 2015.
- [22]. Xuan Liu, Shigeng Zhang, and **Kai Bu**, A Locality-based Range-Free Localization for Anisotropic Wireless Sensor Networks, *Telecommunication Systems*, March 2015.
- [23]. Xuan Liu, Bin Xiao, Shigeng Zhang, **Kai Bu**, and Alvin Chan, STEP: A Time-Efficient Tag Searching Protocol in Large RFID Systems, *IEEE Transactions on Computers (TC)*, accepted for publication, January 2015.
- [24]. Xuan Liu, Shigeng Zhang, Bin Xiao, and **Kai Bu**, Flexible and Time-Efficient Tag Scanning with Handheld Readers, *IEEE Transactions on Mobile Computing (TMC)*, accepted for publication, December 2014.
- [25]. Xuan Liu, Bin Xiao, Shigeng Zhang, and **Kai Bu**, Unknown Tag Identification in Large RFID Systems: An Efficient and Complete Solution, *IEEE Transactions on Parallel and Distributed Systems (TPDS)*, accepted for publication, April 2014.
- [26]. Qingjun Xiao, Bin Xiao, **Kai Bu**, and Jiannong Cao, Iterative Localization of Wireless Sensor Networks: An Accurate and Robust Approach, *IEEE/ACM Transactions on Networking (ToN)*, vol. 22, no. 2, pp. 608-621, 2014.
- [27]. **Kai Bu**, Xuan Liu, and Bin Xiao, Approaching the Time Lower Bound on Cloned-Tag Identification for Large RFID Systems, *Ad Hoc Networks*, vol. 13, Part B, no. 0, pp. 271-281, 2014.
- [28]. Jiaqing Luo, Bin Xiao, **Kai Bu**, and Shijie Zhou, Understanding and Improving Piece-related Algorithms in the BitTorrent Protocol, *IEEE Transactions on Parallel and Distributed Systems (TPDS)*, vol. 24, no. 12, pp. 2526-2537, 2013.
- [29]. Qingjun Xiao, **Kai Bu**, Bin Xiao, and Limin Sun, Efficient Protocol Design for Dynamic Tag Population Monitoring in Large-Scale RFID Systems, *Concurrency and Computation: Practice and Experience*, vol. 25, no. 14, pp. 2080-2097, 2013..
- [30]. Zhixin Sun, Bingqing Luo, Yadang Chen, and **Kai Bu**, Secure P2P Topology Based on a Multidimensional DHT Space, *SCIENCE CHINA Information Science (Science in China Series F)*, vol. 56, no. 5, pp. 1-14, 2013.
- [31]. **Kai Bu**, Xuan Liu, Jiaqing Luo, Bin Xiao, and Guiyi Wei, Unreconciled Collisions Uncover Cloning Attacks in Anonymous RFID Systems, *IEEE Transactions on Information Forensics and Security (TIFS)*, vol. 8, no. 3, pp. 239-249, 2013.
- [32]. Qingjun Xiao, **Kai Bu**, Zhijun Wang, and Bin Xiao, Robust Localization against Outliers in Wireless Sensor Networks, *ACM Transactions on Sensor Networks (TOSN)*, vol. 9, no. 2, pp. 24:1-24:26, 2013.
- [33]. Zhixin Sun, Bingqing Luo, Yadang Chen, and **Kai Bu**, [in Chinese] Secure P2P Topology based on a Multidimensional DHT Space Mapping, *SCIENTIA SINICA Informationis (Sci. Sin. Inform.)*, vol. 43, no. 3, pp. 343-360, 2013.
- [34]. **Kai Bu**, Bin Xiao, Qingjun Xiao, and Shigang Chen, Efficient Misplaced-Tag Pinpointing in Large RFID Systems, *IEEE Transactions on Parallel and Distributed Systems (TPDS)*, vol. 23, no. 11, pp. 2094-2106, 2012.
- [35]. **Kai Bu**, Qingjun Xiao, Zhixin Sun, and Bin Xiao, Toward Collinearity-Aware and Conflict-Friendly Localization for Wireless Sensor Networks, *Computer Communications*

(*COMCOM*), vol. 35, no. 13, pp. 1549-1560, 2012.

Conference Papers

- [36]. Chenlu Miao, **Kai Bu**, Mengming Li, Shaowu Mao, and Jianwei Jia, SwiftDir: Secure Cache Coherence without Overprotection, in *The 55th IEEE/ACM International Symposium on Microarchitecture (MICRO)*, Chicago, Illinois, USA, October 1-5, 2022.
- [37]. Xiangyu Qi, Tinghao Xie, Ruizhe Pan, Jifeng Zhu, Yong Yang, and **Kai Bu**, Towards Practical Deployment-Stage Backdoor Attack on Deep Neural Networks, in *IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR)*, New Orleans, Louisiana, USA, June 19-24, 2022.
- [38]. Mengming Li, Chenlu Miao, Yilong Yang, and **Kai Bu**, unXpec: Breaking Undo-based Safe Speculation, in *The 28th IEEE International Symposium on High-Performance Computer Architecture (HPCA)*, Seoul, South Korea, April 2-6, 2022.
- [39]. Qinhan Tan*, Zhihua Zeng*, **Kai Bu**, and Kui Ren (*Co-first Authors), PhantomCache: Obfuscating Cache Conflicts with Localized Randomization, in *Proc. of The Network and Distributed System Security Symposium (NDSS)*, San Diego, California, USA, February 23-26, 2020.
- [40]. Xing Li, Yinbo Yu, **Kai Bu**, Yan Chen, Jianfeng Yang, and Ruijie Quan, [Short Paper] Thinking inside the Box: Differential Fault Localization for SDN Control Plane, in *Proc. of The 16th IFIP/IEEE Symposium on Integrated Network and Service Management (IM)*, Washington DC, USA, April 8-12, 2019.
- [41]. Weixin Liang, **Kai Bu**, Ke Li, Jinhong Li, and Arya Tavakoli, MemCloak: Practical Access Obfuscation for Untrusted Memory, in *Proc. of 2018 Annual Computer Security Applications Conference (ACSAC)*, San Juan, Puerto Rico, USA, December 3-7, 2018.
- [42]. Xue Leng, Kaiyu Hou, Yan Chen, **Kai Bu**, and Libing Song, SDNKeeper: Lightweight Resource Protection and Management System for SDN-based Cloud, in *Proc. of IEEE/ACM International Symposium on Quality of Service (IWQoS)*, Banff, Alberta, Canada, June 4-6, 2018.
- [43]. **Kai Bu**, Yutian Yang, Zixuan Guo, Yuanyuan Yang, Xing Li, and Shigeng Zhang, FlowCloak: Defeating Middlebox-Bypass Attacks in Software-Defined Networking, in *Proc. of IEEE International Conference on Computer Communications (INFOCOM)*, Honolulu, HI, USA, April 15-19, 2018.
- [44]. Min Huang, **Kai Bu**, Hanlin Wang, and Kaiwen Zhu, Reviving Android Malware with DroidRide: And How Not To, in *Proc. of The Fourth International Workshop on Cyber Security and Privacy (CSP)*, Chengdu, China, October 13-15, 2016.
- [45]. Xitao Wen, Bo Yang, Yan Chen, Li Erran Li, **Kai Bu**, Peng Zheng, Yang Yang, and Chengchen Hu, RuleTris: Minimizing Rule Update Latency for TCAM-based SDN Switches, in *Proc. of The 36th IEEE International Conference on Distributed Computing Systems (ICDCS)*, Nara, Japan, June 27-30, 2016. **Best Paper Nominees**
- [46]. **Kai Bu**, Minyu Weng, Junze Bao, Zhenchao Lin, and Zhikui Xu, Toward Taming Policy Enforcement for SDN in The RIGHT Way: Or Can We?, in *Proc. of The International Workshop of Software-Defined Data Communications and Storage (SDDCS)*, Nara, Japan, June 27, 2016. Co-located with ICDCS 2016.
- [47]. Xuan Liu, Bin Xiao, Shigeng Zhang, and **Kai Bu**, One More Hash is Enough: Efficient Tag

- Stocktaking in Highly Dynamic RFID Systems, in *Proc. of IEEE International Conference on Communications (ICC)*, Kuala Lumpur, Malaysia, May 23-27, 2016.
- [48]. **Kai Bu**, Xitao Wen, Bo Yang, Yan Chen, Li Erran Li, Xiaolin Chen, Is Every Flow on The Right Track?: Inspect SDN Forwarding with RuleScope, in *Proc. of the 35th Annual IEEE International Conference on Computer and Communications (INFOCOM)*, San Francisco, CA, USA, April 10-15, 2016.
- [49]. Jiaqing Luo, Shijie Zhou, Hongrong Cheng, Yongjian Liao, and **Kai Bu**, [Poster] A Range-free Localization of Passive RFID Tags Using Mobile Readers, in *Proc. of the 12th IEEE International Conference on Mobile Ad-hoc and Sensor Systems (MASS)*, Dallas, TX, USA, October 19-22, 2015.
- [50]. **Kai Bu**, Gotta Tell You Switches Only Once: Toward Bandwidth-Efficient Flow Setup for SDN, in *Proc. of The International Workshop of Software-Defined Data Communications and Storage (SDDCS)*, Hong Kong, China, April 27, 2015. Co-located with INFOCOM 2015.
- [51]. **Kai Bu**, Jia Liu, Bin Xiao, Xuan Liu, and Shigeng Zhang, Intactness Verification in Anonymous RFID Systems, in *Proc. of the 20th IEEE International Conference on Parallel and Distributed Systems (ICPADS)*, Hsinchu, Taiwan, December 16-19, 2014, pp. 134-141.
- [52]. Hongyu Gao, Yi Yang, **Kai Bu**, Yan Chen, Doug Downey, Kathy Lee, and Alok Choudhary, Spam ain't as Diverse as It Seems: Throttling OSN Spam with Templates Underneath, in *Proc. of 2014 Annual Computer Security Applications Conference (ACSAC)*, New Orleans, LA, USA, December 8-12, 2014, pp. 76-85.
- [53]. **Kai Bu**, Mingjie Xu, Xuan Liu, Jiaqing Luo, and Shigeng Zhang, Toward Fast and Deterministic Clone Detection for Large Anonymous RFID Systems, in *Proc. of the 11th IEEE International Conference on Mobile Ad-hoc and Sensor Systems (MASS)*, Philadelphia, PA, USA, October 28-30, 2014, pp. 416-424.
- [54]. Xitao Wen, Chunxiao Diao, Xun Zhao, Yan Chen, Li Erran Li, Bo Yang, and **Kai Bu**, Compiling Minimum Incremental Update for Modular SDN Languages, in *Proc. of ACM SIGCOMM Workshop on Hot Topics in Software Defined Networking (HotSDN)*, Chicago, IL, USA, August 22, 2014, pp. 193-198. (Co-located with SIGCOMM 2014)
- [55]. Xuan Liu, Bin Xiao, **Kai Bu**, and Shigeng Zhang, LOCK: A Fast and Flexible Tag Scanning Mechanism with Handheld Readers, in *Proc. of IEEE/ACM International Symposium on Quality of Service (IWQoS)*, Hong Kong, China, May 26-27, 2014, pp. 360-369.
- [56]. Jia Liu, Bin Xiao, **Kai Bu**, and Lijun Chen, Efficient Distributed Query Processing in Large RFID-enabled Supply Chains, in *Proc. of the 33rd Annual IEEE International Conference on Computer Communications (INFOCOM)*, Toronto, Canada, April 27 – May 2, 2014, pp. 163-171.
- [57]. **Kai Bu**, Xuan Liu, Jiwei Li, and Bin Xiao, Less is More: Efficient RFID-based 3D Localization, in *Proc. of the 10th IEEE International Conference on Mobile Ad-hoc and Sensor Systems (MASS)*, Hangzhou, Zhejiang, China, October 14-16, 2013, pp. 86-94.
- [58]. Jiwei Li, **Kai Bu**, Xuan Liu, and Bin Xiao, ENDA: Embracing Network Inconsistency for Dynamic Application Offloading in Mobile Cloud Computing, in *Proc. of the 2nd Mobile Cloud Computing Workshop (MCC)*, Hong Kong, China, August 12, 2013, pp. 39-44. (Co-located with SIGCOMM 2013)
- [59]. Fei Wang, Bin Xiao, **Kai Bu**, and Jinshu Su, Detect and Identify Blocker Tags in Tree-based RFID Systems, in *Proc. of IEEE International Conference on Communications (ICC)*,

Budapest, Hungary, June 9-13, 2013, pp. 2133-2137.

- [60]. Xuan Liu, Shigeng Zhang, **Kai Bu**, and Bin Xiao, Complete and Fast Unknown Tag Identification in Large RFID Systems, in *Proc. of the 9th IEEE International Conference on Mobile Ad Hoc and Sensor Systems (MASS)*, Las Vegas, Nevada, USA, October 8-11, 2012, pp. 47-55.
- [61]. **Kai Bu**, Xuan Liu, and Bin Xiao, [Poster/Short Paper] Fast Cloned-Tag Identification Protocols for Large-Scale RFID Systems, in *Proc. of the 20th International Workshop on Quality of Service (IEEE/ACM IWQoS)*, Coimbra, Portugal, June 4-5, 2012.
- [62]. Qingjun Xiao, **Kai Bu**, and Bin Xiao, Efficient Monitoring of Dynamic Tag Populations in RFID Systems, in *Proc. of the 9th IEEE/IFIP International Conference on Embedded and Ubiquitous Computing (EUC)*, Melbourne, Australia, October 24-26, 2011, pp. 106-113. **Best Paper Award**
- [63]. **Kai Bu**, Bin Xiao, Qingjun Xiao, and Shigang Chen, Efficient Pinpointing of Misplaced Tags in Large RFID Systems, in *Proc. of the 8th Annual IEEE Communications Society Conference on Sensor, Mesh, and Ad Hoc Communications and Networks (SECON)*, Salt Lake City, Utah, USA, June 27-30, 2011, pp. 287-295.
- [64]. Zhixin Sun, **Kai Bu**, and Ke Ding, A Multidimensional Mapping Mechanism Based Secure Routing Method for DHT, in *Proc. of the 4th International ICST Conference on Scalable Information Systems (INFOSCALE)*, Hong Kong, China, June 10-11, 2009, pp. 192-205.
- [65]. **Kai Bu** and Zhixin Sun, A Method based on AMHI for DDoS Attacks Detection and Defense, in *Proc. of the 9th International Conference for Young Computer Scientists (ICYCS)*, Zhang Jia Jie, Hunan, China, November 18-21, 2008, pp. 1571-1576.

PATENTS

- [1]. Jing Liu, Tingyong Liu, Zhixin Sun, and **Kai Bu**, P2P Streaming Traffic Identification based on Traffic Behavior, China Patent Application Number CN200710145490.4, **Granted** on April 13, 2011.
- [2]. Zhixin Sun, Jing Gong, Jing Liu, Tingyong Liu, and **Kai Bu**, A Novel Defense Method Against DoS and DDoS Attacks, China Patent Application Number CN200710164224.6, **Granted** on December 8, 2010.
- [3]. Zhixin Sun, **Kai Bu**, and Songle Chen, A Host-Assisted Architecture Defense Against Abnormal Traffic, China Patent Application Number CN200810019664.7, **Granted** on August 18, 2010.

INTERNSHIP EXPERIENCE

- 2012.05 – 2013.07 The Hong Kong Polytechnic University, Department of Computing
Part-Time Research Assistant
- 2007.08 – 2008.10 Motorola Mobility, China Software Center
Software Engineer Assistant/Testing Engineer Assistant

EXTRACURRICULAR ACTIVITY

- 2007.06 – 2008.01 Haiwen Education Group
Tutorship for the National Entrance Examination for Postgraduate

COMPUTER CERTIFICATE

2005.05 Qualification Certificate of Computer and Software Technology Proficiency
No.05005366.

PROFESSIONAL SERVICES

Guest Editor

CCPE 2016 Concurrency and Computation Practice and Experience
Special Issue on High Performance and Security in Cloud Computing

TPC Member

IWQoS 2023	IEEE/ACM International Symposium on Quality of Service
INFOCOM 2023	IEEE Conference on Computer Communications
INFOCOM 2022	IEEE Conference on Computer Communications
INFOCOM 2021	IEEE Conference on Computer Communications
INFOCOM 2020	IEEE Conference on Computer Communications
SecureComm 2020	16th EAI International Conference on Security and Privacy in Communication Networks
INFOCOM 2019	IEEE Conference on Computer Communications
ICPADS 2018	The 24th International Conference on Parallel and Distributed Systems
ADVCOMP 2018	The Twelfth International Conference on Advanced Engineering Computing and Applications in Sciences
CoNEXT-W	The ACM CoNEXT 2017 Student Workshop
SSCC 2017	Fifth International Symposium on Security in Computing and Communications
SPIN 2017	4th International Conference on Signal Processing and Integrated Networks
HP3C 2017	International Conference on High Performance Compilation, Computing and Communications
CoNEXT-W	The ACM CoNEXT 2016 Student Workshop
HPCC 2016	The 18th IEEE International Conference on High Performance Computing and Communications
CoNEXT-W	The ACM CoNEXT 2016 Student Workshop
SSCC 2016	Fourth International Symposium on Security in Computing and Communications
SPIN 2016	3rd International Conference on Signal Processing and Integrated Networks
HPCC 2015	17th IEEE International Conference on High Performance and Communications
ICCC 2015	IEEE/CIC International Conference on Communications in China Privacy and Security in Communications (PSC) Symposium
CNS 2015	IEEE Conference on Communications and Network Security
SSCC 2015	Third International Symposium on Security in Computing and Communications
SPIN 2015	2nd International Conference on Signal Processing and Integrated

	Networks
CNS 2014	IEEE Conference on Communications and Network Security
ACMSE 2014	The 52nd Annual ACM Southeast Conference
ICCC 2014	The third IEEE/CIC International Conference on Communications in China
	Privacy and Security in Communications (PSC) Symposium
SSCC 2014	Second International Symposium on Security in Computing and Communications
ETWMC 2014	The First International Workshop on Emerging Topics in Wireless and Mobile Computing
ICCN 2014	International Conference of Communications and Networks
SSCC 2013	International Symposium on Security in Computing and Communications
WICCN 2013	2013 Winter International Conference of Communications and Networks

Journal Reviewer

TON	IEEE/ACM Transactions on Networking
TIFS	IEEE Transactions on Information Forensics and Security
TCOM	IEEE Transactions on Communications
JSAC	IEEE Journal on Selected Areas in Communications
TH	IEEE Transactions on Industrial Informatics
ISJ	IEEE Systems Journal
IoT	IEEE Internet of Things Journal
CL	IEEE Communications Letters
JNCA	Journal of Network and Computer Applications
JPDC	Journal of Parallel and Distributed Computing
JCN	Journal of Communications and Networks
PMC	Pervasive and Mobile Computing
FGCS	Future Generation Computer Systems
FCS	Frontiers of Computer Science
IJICT	International Journal of Information and Communication Technology
IJDSN	International Journal of Distributed Sensor Networks
WINE	Wireless Networks
SP	Scientific Programming
AJSE	Arabian Journal of Science and Engineering
JUCAS	Journal of University of Chinese Academy of Sciences

Review Apprenticeship

TMC, TPDS, TIFS, COMCOM, Ad Hoc Networks, The Computer Journal, IJSNET, JIPS, PEVA; INFOCOM 2019, 2013, 2011; ICDCS 2012; ICPP 2013; ICC 2013; GLOBECOM 2013, 2011, 2010; TrustCom 2013, 2012; IC3 2013; ICPADS 2012, 2010; WSNS 2012.