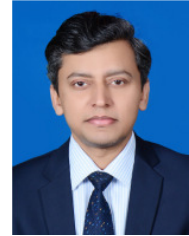


Danish Irfan

Pakistan Contact: 0329 4583559

Email: irf.hit@gmail.com



Current research glimpse ~ cybersecurity & data mining

- Leading “cybersecurity & malware analysis” research group
- Supervising 4~5 PhD students, 4-5 MS students
- Delivered talk on cyber security trends and challenges 2022, 2023, 2024

Education

03/2005 ~ 09/2009	PhD (Computer applications / data mining), School of Computer Science and Technology, Harbin Institute of Technology, China. www.hit.edu.cn
2020~2022	MS (Information security) Riphah Institute of System Engineering, Islamabad, Pakistan www.rise.pk
09/1998~09/2000	MCS Master of computer science, Alkhair University AJK, Pakistan.
09/1996~06/1998	Bachelor of Science (Maths, physics), The University of the Punjab, Pakistan.
1994~1996	FSc (PreEngg) Quaid-e-Azam Divisional Public college, Gujranwala Pakistan
1992~1994	Matriculation, Quaid-e-Azam Divisional Public School, Gujranwala Pakistan.

Research interests

Data clustering, cyber security applications, anomaly detection, business intelligence, linux kernel and applications, android vulnerability / malware analysis, NFT security, financial data safety, MITRE ATT&CK, algorithm analysis

Work Experience

Mar2025 ~	independent researcher / speaker / open to work
July 2023~Feb 2025	Associate professor IT/ cyber security, Superior University, Gold campus, Lahore, Pakistan. www.superior.edu.pk
Feb 2022~June 2023	Assistant professor IT/ cyber security, Superior University, Gold campus, Lahore, Pakistan. www.superior.edu.pk
Aug20~sept2021	Researcher / compliance @ private cyber firm, Evacuee trust, Islamabad, Pakistan.
July2020~ Aug2020	cyber Compliance Training workshop (org intro/ study, processes & policies, iso27001& 2, dpia, GDPR & compliance, mitigation).
July 2017~Feb 2020	Faculty of CS & IT, Punjab College /UCP campus, Gujranwala, Pakistan
Sept 2015 ~ June 2017	Associate Professor/ HoD Department of computer science, / Director (Qec), University of Sargodha, Gujranwala Campus, Pakistan.
Oct 2009 -Aug15	System analyst / Assistant professor, COMSATS Institute of Information Technology, Abbottabad Pakistan
Sept 2005-June 2006	Visiting Teacher, De Qiang Xuexiao College, Harbin, China.
Mar 2005~Sept 2009	Research associate / PhD scholar, Harbin Institute of Technology, Harbin, China.
Sept 2004~ Feb 2005	Chinese language course, Harbin Institute of Technology, Harbin, China.

Aug 2001-Aug 2004	Asst. System Analyst , COMSATS Internet Services , Abbottabad / Lecturer CIIT, now COMSATS University Islamabad, Abbottabad campus, Pakistan.
Dec 2000 – July 2001	Lecturer (CS), Army Public Intermediate Science College, Gujranwala. Pakistan
May 2000 – Dec 2000	Lecturer (CS) /network admin, Computer Center, Govt. Inter College, Pakistan
Sept 1999 – April 2000	Supervisor Computer Section / Complaint Cell, WASA GDA, Pakistan.

Distinctions/awards

2011	PhD supervisor approved by HEC, Pakistan. www.hec.gov.pk
2004	PhD scholarship as CIIT Scholar at Harbin Institute of Tech. China
2008	IEEE student travel grant for Hong Kong to present paper at IEEE International conference on Fuzzy Systems FUZZ 2008.
2000	Recipient of Java Certification Training Scholarship from Punjab IT Board, Pakistan.

Academic Teaching

- | | |
|--|---|
| - Intro to Cybersecurity | - Introduction to Programming using C/C++ |
| - Social network analysis | - Introduction to computing |
| - Data mining | - Human computer interaction |
| - Analysis of algorithms | - Object oriented programming using Java |
| - Computer networks Security | - Ethical Hacking |
| - Computer Communications Networks | - Cryptography |
| - Vulnerability assessment & reverse engineering | - Malware analysis |
| | - Modeling and simulation |

Curriculum Accreditation / Review

ABET.org	2011~2013 ABET Accreditation process at COMSATS University (CUI) Pakistan, in collaboration with Professor Mudassair Wyne, National University www.nu.edu
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Curriculum Development

Lab manuals (undergrad)

- ✓ Introduction to programming
- ✓ Computing for development
- ✓ Introduction to algorithms

Grad Courses

- ✓ Data mining
- ✓ Social network analysis and information mining
- ✓ Network security

Courses and Certificates

Coursera.org

- ✓ Homeland Security and Cybersecurity Future – University of Colorado, Boulder
- ✓ Internet Giants - The Law and Economics of Media Platforms – University of Chicago
- ✓ Introduction to Bash Shell Scripting – Coursera Network Project
- ✓ Introduction to Ethereum DiFi Smart Contract Security & Exploits- Coursera Network Project
- ✓ Google Ads for beginners – Coursera Network Project
- ✓ Anomaly Detection in Time Series Data with Keras – Coursera Network Project
- ✓ Investment risk management – Coursera Network Project
- ✓ Cybersecurity and Mobility – Kennesaw State University
- ✓ Cybersecurity Policy for Aviation and Internet Infrastructures - University of Colorado
- ✓ Command line in Linux -- Coursera Network Project

Udemy.com - Courses

- ✓ Practical Ethical Hacking course by Heath Adams
- ✓ Security Operation Center SOC
- ✓ Hacking and Pentesting iOS
- ✓ CSS3 and Bootstrap for beginners
- ✓ Cyber security Incident Handling and Response
- ✓ Cybersecurity implementation security measures to prevent attack
- ✓ Data security, recovery and storage hacking

- ✓ Deep web- The complete intro to the hidden web
- ✓ Domain name system DNS administration - Win server2016
- ✓ IP addressing - from Zero to Hero
- ✓ Kali Linux basics course for cyber security
- ✓ Learn Python from zero
- ✓ Payload Ethical Hacking course
- ✓ Programming network applications in Java
- ✓ System Hacking course for ethical hackers
- ✓ Malware analysis masterclass – Defeat Hacker and Malware
- ✓ The complete **Android** Ethical Hacking
- ✓ Group Policy Administration (Active Directory) for helpdesk
- ✓ SQL injection cyber security course
- ✓ The Metasploit Course For Ethical Hacker
- ✓ EH - Capture the Flag Walkthroughs - v1

ICSI

CNSS Certified Network Sec Specialist,
ICSI, UK

HUAWEI

- ✓ HCIP Security Course
- ✓ HCIA AI - Artificial Intelligence

IT Masters – Charles Strut University

- ✓ Enterprise Cyber Security Fundamentals
- ✓ Digital Forensics
- ✓ Phishing Countermeasures

ALISON

- ✓ CompTia Security+ (Exam SYO-501)
- ✓ CompTia Cloud+ Basic+
- ✓ CompTia Network +
- ✓ Protect yourself from Identity Theft
- ✓ General Data Protection Regulation (GDPR)

EC-Council Certified I Secured Computer User
(CSCU)

AVIATRIX Certified Engineer – Multi-Cloud
Network Associate Course

5G Cyber Security - The **TRA** Virtual Academy
Course UAE.

FORTINET

- ✓ NSE Institute training - The Threat Landscape
- ✓ NSE 1 Network Security Associate
- ✓ NSE 2 Network Security Associate

CISCO

- ✓ Mobility Fundamentals: Wireless LAN Security 0519 cga
- ✓ Mobility Fundamentals: Wireless Router & Clients Configuration 0519 cga
- ✓ Mobility Fundamentals Series: Wireless Technology and Standards
- ✓ Mobility Fundamentals Series: Wireless LAN Networks
- ✓ Mobility Fundamentals Series: Bring Your Own Device
- ✓ Cybersecurity Essentials
- ✓ Introduction to Cybersecurity
- ✓ Introduction to Packet Tracer
- ✓ Introduction to Packet Tracer Mobile
- ✓ NDG Linux Un hatched
- ✓ NDG Linux Essentials - 2.0 EN cga 2020
- ✓ CCNA Exploration

AttackIQ

Foundations of Operationalizing MITRE ATT@CK

Trainings and Workshops

[Workshop] Investigating Insider Threats, Mike Wilkinson by Cyber Triage
Live Workshop Feb 27, 2024

Training session 39 – “**Exploring the Opportunities: Licensing, Consultancy, and Spin-Offs to Unleash Research Potential**” organized by ORIC, Superior University, Lahore, Pakistan. June 19, 2023.

Online session on “**An Orientation and Discussion of Newly Developed Curriculum Model of Computing Programs 2023**”, June 15, 2023 NCEAC, Pakistan. By Dr Muhammad Jameel.

One day Training on “**Research commercialization**” by ORIC, Superior University, Lahore, Pakistan. June 09, 2023.

Research Training on “**Proposal Writing for HEC Rapid Grant**” by the Office of Research, Innovation, and Commercialization (ORIC), Superior University, Lahore, Pakistan. June 01, 2023.

Blockchain, AI emerging Trends and Technology, Dec 2022 Lahore, Pakistan

Teach the Teachers Workshop series “**Design of Digital Integrated Circuits**”, by Prof. Ali Abidi, August 2022, Department of EE, LUMS, Lahore Pakistan.

5 Days Training workshop on “**Ethical Hacking and Countermeasures**” Instructor Mr. Khurram Javed, Riphah Institute of system engineering www.rise.pk February 9–14, 2020.

Seminar “**IoT device security for Ethical Hacker**” by EC-Council 2020.

12th Teaching the Teachers **Workshop on S-parameters**: Dec, 2019, LUMS Lahore, www.lums.edu.pk

Workshop on **Big Data and Cloud Computing** (BigC 2018), December 22, 2018 LUMS Lahore.

Teach the Teachers Workshop series **Communication Science & Systems**”, by Prof. Ali Abidi, August 2018, Department of EE, LUMS, Lahore Pakistan.

National ICT R&D fund Workshop on “Teach the Teachers Workshop series **Communication Science & Systems**”, by Prof. Ali Abidi, December 2017, Department of EE, LUMS, Lahore.

National ICT R&D fund Workshop on “**Communication Science & Systems**”, 15-19 August, 2016, Department of EE, LUMS, Lahore

TEIN HRD “Training Workshop on **IPv6 Deployment in Campus Network - 2015**” at National Centre for Physics, Quaid-e-Azam University, Islamabad, Pakistan. April 15 ~ April 17, 2015. www.ncp.edu.pk

4th Workshop on “**Developing Industry Driven Technology**”, COMSATS Institute of Information Technology, Abbottabad, Pakistan. Dec 11, 2014.

Security Strategist ME 2014 Dubai, UAE April 28, 2014.

1-day workshop on “Cyber Security & Defining Enterprise security frameworks” Dec 12, 2013. Military College of Signals, National conference on Information Assurance, NCIA 2013.

Certified | Secured Computer User (CSCU), EC-Council. 2013.

2-Day Training workshop on “**Certified | Secured Computer User (CSCU)**”, at MCS, National University of Science and Technology (NUST), Pakistan. October 09 ~ 10, 2013.

CISCO Exploration training course, CISCO Local Academy, COMSATS Institute of IT, Abbottabad, Pakistan. March 01 ~ May 2010.

2 Day Workshop on **HEC retreat PhD supervisor**, COMSATS Institute of IT, Abbottabad, Pakistan June 2010.

3Day workshop on management, leadership & marketing, June 30 ~ July 02, 2010. COMSATS Institute of IT, Abbottabad, Pakistan.

“**Chinese Language Course**”, International student center, Harbin Institute of Technology, China. Sept 2004 ~ Feb 2005

“Train the trainer Program, **Data mining Course**” NCR Education Center, Islamabad, Pakistan. June 17, 2002~June 24, 2002.

“Train the trainer Program, **Teradata administration**” NCR Education Center, Islamabad, Pakistan. June 25, 2002 ~ June 28, 2002.

Faculty Development Workshop (FDW), COMSATS Institute of Information Technology, Lahore, Pakistan August 25 ~ Aug 27, 2003.

Danish Irfan, Deng Shengchun, Xu Xiaofei, “Hybrid-LWM: A Linear-model Based Hybrid Clustering Algorithm for Supplier Categorization”, Special issue entitled “Advances in Pattern Recognition and Intelligent Systems and Control” of International Journal of Systems, Control and Communications (IJSCC) 3(3): page 270–279 2011.

Danish Irfan, Xu Xiaofei, Deng Shengchun, Zengyou He, “K-means Clustering – A Survey”, In the proceedings of 2007 International conference on Information & Knowledge Engineering IKE'07, page 190-196, Las Vegas, Nevada,, June 25-28, 2007. CSREA Press

Danish Irfan, Xu Xiaofei, Deng Shengchun, “Clustering Framework for Supply chain management systems”, IEEE 2nd international workshop on Digital media and its applications in Museum and Heritages, page: 422-426 DMAMH 2007. Chongqing, China.

Danish Irfan, Xu Xiaofei, Deng Shengchun, Ye Yunming, “Feature-based Unsupervised Clustering for Supplier Categorization”, In proceedings of 2008 IEEE International conference on Fuzzy Systems, IEEE FUZZ 2008, page: 2072-2076 Hong Kong.

Danish Irfan, Xu Xiaofei, Deng Shengchun, Humayon Karim Sulehria, “Clustering Approach for Fissuring Forrester’s Effect”. Proceedings of the 2007 International Conference on Data Mining, DMIN 2007, page: 118-126, Las Vegas, June 25-28, 2007. CSREA Press.

Danish Irfan, Xu Xiaofei, Deng Shengchun, “Developing Approaches of Supply Chain Management Systems of Enterprises in Pakistan”, International Arab Journal of Information Technology (IAJIT) 2008, 5(3): page: 296-303, July 2008

Danish Irfan, Xu Xiaofei, Deng Shengchun, Zengyou He, Yunming Ye, “S-Canopy: A Feature-based Clustering Algorithm for Supplier Categorization”, IEEE international Conference on Industrial Electronics and Automation 2009, page: 677- 681 ICIEA 2009, Xi'an, China.

Danish Irfan, Xu Xiaofei, Deng Shengchun, “Business Process Modeling for SCM systems”, In the proceedings of 4th IEEE International Conference on Emerging Technologies, page: 253-257, ICET 2008 Islamabad Pakistan.

Danish Irfan, Xu Xiaofei, Deng Shengchun, “Service Event-Driven Process Chain (S-EPC) methodology for Supply Chain Management System”, Journal of Harbin Institute of Technology (New Series). Vol Supp. 1. Page: 202- 206, 2008.

Danish Irfan, Xu Xiaofei, Deng Shengchun, “A SCOR Reference Model of the Supply Chain Management System in an Enterprise”, International Arab Journal of Information Technology (IAJIT) 2008, 5(3): page: 288-295, July 2008.

Zengyou HE, Xiaofei Xu, Shengchun Deng, **Danish Irfan**, “Outlier Detection in High Dimensional Spaces-A Multi-Criteria Decision Making Viewpoint”, Information Science 175(1-2) (2005) page:20-29.

Danish Irfan “Business Process Modeling using Extended EPC Meta-Model for SCM systems”, Science International Journal, Sci.Int.(Lahore), 26 (1), page:127-130, 2014. ISSN 1013-5316,CODEN: SINTE 8

Hamad Shirazi, Tassawar Iqbal, **Danish Irfan**, Muhammad Junaid, et. al, “Learning Programming Through Multimedia and Dry-Run”, Research Journal of Applied Sciences, Engineering and Technology 7(21): page 4455-4463, 2014. ISSN: 2040-7459; e-ISSN: 2040-7467

Humayun Karim Sulehria, Ye Zhang, **Danish Irfan**, “Mathematical Morphology Methodology for Extraction of Vehicle Number Plates”, International Journal of Computers, page: 69-73, 2007.

Humayun Karim Sulehria, Ye Zhang, **Danish Irfan**, A.K. Sulehria, "Vehicle number plate recognition using mathematical morphology and neural networks", WSEAS Transactions on

Humayun Karim Sulehria, Ye Zhang, **Danish Irfan**, A K Sulehria, “Vehicle number plate recognition using hybrid mathematical morphological techniques”, Proceedings of 7th WSEAS International Conference on Signal Processing, 27-133, May 27-30, 2008, Turkey.

Danish Irfan, Data mining methods for supply chain management, PhD thesis, Harbin Institute of Technology HIT, China, October 2009. PhD Advisor/ Supervisor: Professor Xu Xiaofei

MM Khan, K Zaman, **Danish Irfan**, “Triangular relationship among energy consumption, air pollution and water resources in Pakistan”, Journal of Cleaner Production, Vol. 112, Part 2, 20 January 2016, Pages 1375-1385.

A. Ghulam; Zaman, K; Shukui, Tan; **Danish Irfan**, “Does energy consumption contribute to environmental pollutants? “, Env Science & Poll Research. May2014, Vol. 21 Issue 9, pages 5940-5951.

Qazi Mudassar Ilyas, Muneer Ahmad, Sonia Rauf, **Danish Irfan**, “RDF Query Path Optimization Using Hybrid Genetic Algorithms: Semantic Web versus Data-Intensive Cloud Computing”, Volume 12, Issue 1, Article 1 International Journal of Cloud Applications and Computing (IJCAC) 2021.

S. A. Alamer, Qazi Mudassar Ilyas, Muneer Ahmed, **Danish Irfan**, , A Metaphoric Design of Electronic Medical Record (EMR) for Periodic Health Examination Reports: An Initiative to Cloud's Medical Data Analysis, Vol. 12, Issue 1, Article 1, International Journal of Cloud Applications and Computing (IJCAC) 2021.

Aslam, M. W., Ghuzanfar Chudhary, M. Aqeel, **Danish Irfan**, Ameer Hamza, & Muhammad Raza. “Early Childhood Education through Gamification”, Innovative Computing Review, 2(1), 2022. <https://doi.org/10.32350/icr.0201.04>

H.Basit Muhammad, Rameeza Rashed, Zaeem Nazir, **Danish Irfan**, M. Waseem Iqbal, Khalid Hamid, “Empowerments Of Chemical Structures used for curing lungs infections by Modern Invariants” Jilin Daxue Xuebao (Gongxueban)/Journal of Jilin University (Engineering and Technology Edition DOI:10.17605/OSF.IO/SY6KH , 2022

Muhammad Ameer Hamza, Fawad Nasim, **Danish Irfan**, M Naveed Anwar, Aamir Ali and Muhammad Akhtar , “Reusability of Optical disk Optimization, “ International conference on Computing and Emerging Technologies, 26-27 May, 23’, ICCET 2023, Lahore Pakistan.

M. Usman Bilal, Muhammad Waseem Iqbal, **Danish Irfan**, Nibras Fatima, Faisal Yasin and Rana Muhammad Mazhar Iqbal, “Analysis of ICT Infrastructure w.r.t. Performance and Security Perspective using SIEM Capabilities, “ International conference on Computing and Emerging Technologies, 26-27 May, 23’, ICCET 2023, Lahore Pakistan.

Asma Abubakar, **Danish Irfan**, M. Arfan Jaffar, Qazi Mudassar Ilyas, Muhammad Arif and Muhammad Waseem Iqbal, “An analysis of viable machine classifiers for malicious android detection “, International conference on Computing and Emerging Technologies, 26-27 May, 23’, ICCET 2023, Lahore Pakistan.

Sajjad Abbas, **Danish Irfan**, M. Arfan Jaffar, Syed Asad Ali Naqvi, Naveed Ali Khan Kaim Khani and Muhammad Yousaf, “A Parametric Analysis of Routing Protocols in Wireless Sensor Networks“, International conference on Computing and Emerging Technologies, 26-27 May, 23’, ICCET 2023, Lahore Pakistan.

Muhammad Akram, **Danish Irfan**, Mohammed M. Alani, M. Arfan Jaffar, Syed Asad Ali Naqvi and Mazhar Ali, “Are the Content Distribution Networks for Over the Top Applications Safer? “, International conference on Computing and Emerging Technologies, 26-27 May, 23’, ICCET 2023, Lahore Pakistan.

Abrar Ashraf, Muhammad Ameer Hamza, M. Waseem Iqbal, Sadia Sahar and **Danish Irfan**, “Bioelectric Signal Acquisition and Design of Portable ECG for Medical Inter-net of Things Applications“, International conference on Computing and Emerging Technologies, 26-27 May, 23’, ICCET 2023.

Syed Pervez Hussnain Shah, **Danish Irfan**, M. Arfan Jaffar, S. Asad Ali Naqvi, Qazi Mudassar Ilyas and Fawad Nasim, “Technologies and Challenges Associated with IoT-Based Smart Cities”, International conference on Computing and Emerging Technologies, 26-27 May, 23’, ICCET 2023.

Ommair Hameed, M. Waseem Iqbal, M. Waseem Aslam and **Danish Irfan**, “ Systematic Literature review on how Application Security is Described in the Literature“, International conference on Computing and Emerging Technologies, 26-27 May, 23’, ICCET 2023.

Noman Arshid, **Danish Irfan**, Riasat Ali, Hashir Hasnain Asghar, Sohail Masood Bhatti, “Identification Of the Requirement Change Management and Maturity Model in Internet of Thing (IOT) “, International conference on Computing and Emerging Technologies, 26-27 May, 23’, ICCET 2023.

Fahad Sabah, Zhen Yang, Yuwen Chen, **Danish Irfan**, Muhammad Azam and Raheem Sarwar, “Efficient Personalized Federated Learning Using Meta-Learning Approach“, International conference on Computing and Emerging Tech, 26-27 May, 23’, ICCET 2023.

Sana Mazhar, Muhammad Waseem Iqbal, M. Aqeel, **Danish Irfan** and R. Shehzad, “Hybrid Usability Approach of Blockchain in Healthcare System, “ International conference on Computing and Emerging Technologies, 26-27 May, 23’, ICCET 2023

Anam Fatima, Muhammad Waseem Iqbal, Dilawar Hussain, **Danish Irfan**, M.Aqeel, Sheeraz Akram, “Usability Impacts Of Immersion Based Online Task Oriented Games Addiction In Youth”, February 2023, Jilin Daxue Xuebao (Gongxueban)/Journal of Jilin University (Engineering and Technology Edition) 42(02-2023):24 DOI:10.17605/OSF.IO/5R4MF

Salman Hassan, **Danish Irfan**, F. Nasim, Polycarp Shizawaliyi Yakoi, Muhammad Mansab, Saleem Zubair, "Room Occupancy Detection Using IoT Sensor Data and Machine Learning", International Journal of Social Science Archives. July-September, 2024, 7(3), 1100-1111, ISSN: 2707-8892

Tools / Framworks

Eclipse, JDK, C/ C++, Python, WEKA, UCINET, IBM miner, SPSS, python, MS Office, SNORT, OpenSSL, ISO27001, NMAP, ZENMAP, prodiscovers basic, ABD ...[] msf. Burp, mobsf

Professional Memberships and Activities

Conference / Workshop / Symposium	Member reviewer, Machines and applications, the Journal Member Board of Studies (BOS) University of Sargodha, Pakistan SDS 2019, SDS-2018: Member TPC SNAMS 2018, Member TPC, IEEE/ACM international conference on FIT 2017 Member TPC, IEEE/ACM international conference on FIT 2016 Member TPC, IEEE/ACM international conference on FIT 2015 Member TPC, IEEE/ACM international conference on FIT 2014www.fit.edu.pk Member TPC, IEEE ICOSST 2017, Lahore Pakistan. Member TPC, IEEE ICOSST 2016, Pakistan. Member TPC, IEEE ICOSST 2015, Pakistan. Member TPC, IEEE ICOSST 2014, Pakistan. http://icosst.kics.edu.pk/2014/ Services to national ICT R&D fund Pakistan (now ignite) BDSN-2014: TPC member, SDS 2017, SDS-2016: TPC member SNAMS 2017, SNAMS 2016: SNAMS - 2015: TPC member Session Chair, special session on “Mining for social network”, in conjunction with 12th International Conference Artificial Intelligence and Soft Computing, Zakopane, Poland, June 11-13, 2013. http://icaisc.eu/CFP-Mining_for_social_network_2013.pdf Member Technical program committee / reviewer, 2nd National Conference on Information Assurance 2013, NCIA-2013, Pakistan. Member TPC / reviewer, The Fourth International Workshop on Ubiquitous Computing Security Issues (UCSI'13), ICITST-2013 Member TPC / reviewer, 2013 CSTA Annual Conference, computer science teacher
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	association (CSTA) Quincy, Massachusetts, July 15-16, 2013
	Member TPC / reviewer, The 2012 International Computer Science & Information Technology (CS&IT) Conference, July 9-10, 2012.
	Member TPC / reviewer, The 3rd International Workshop on Ubiquitous Computing Security Issues (UCSI'12), with ICITST-12 UK December 2012.
	Member technical program committee, The 6th International Conf for Internet Technology and Secured Transactions (ICITST-2011) Dec 11-14, 2011, UAE, International workshop on Ubiquitous Computing Security Issues (UCSI' 11)
	Member TPC / reviewer, The 2011 International Computer Science & Information Technology (CS&IT) Conference, July 11-13, 2011 NY, 2011
	Reviewer, IEEE 2011 International Conference on Electronic Devices, Systems & Applications (ICEDSA2011). 25 - 27 April 2011, Kuala Lumpur
	Member TPC/Reviewer, 2013 International Conf on Data Mining, DMIN 2013, Las Vegas. USA.
	Reviewer, IEEE Globecom 2010, SaCoNAS Workshop, Hong kong.
	Reviewer, IEEE Symposium on Industrial Electronics & Applications (ISIEA 2011) Malaysia http://www.isiea.org/2011 , ISIEA 2011, ISIEA 2010
	Reviewer, IEEE 2011 International Conference on Business, Engineering and Industrial Applications (ICBEIA2011), 5 - 8 June 2011 Kuala Lumpur, Malaysia
	Reviewer, IEEE 5th International Symposium on Intelligence Computation and Applications (ISICA 2010), Oct 22-24, 2010, Wuhan, China.
	Member TPC and reviewer International conference on frontiers of Information Technology FIT 2013, FIT'2012, FIT'2011, FIT'2010, FIT'2009, FIT'05, FIT'04. http://www.fit.edu.pk
	Member technical program committee, International conference on Emerging technologies, ICET 2011, Islamabad, Pakistan. 5~6 Sept, 2011
Journal/s	Member technical committee, International Arab Journal of Information Technology, IAJIT
	Reviewer member, Malaysian Journal of Computer Science (MJCS)
	Reviewer, IEEE security and privacy S&P magazine.
Memberships	Member IEEE, ACM, SIAM–student (expired), Internet society, www.internetsociety.org .
	Team lead, data mining and social network analysis group at CIIT Abbottabad.
	Member, Computer Science Teacher's Association (CSTA) USA http://csta.acm.org
	Vice chair, student activities, IEEE Harbin Section, China. 2007 ~09. (expired)
Linguistic Proficiency	
	English (Medium of academic instruction), Chinese (spoken), Urdu native
Extra Curricular Activities	
	✓ Best Naat Khwaan, College competition. ✓ University Athlete (100 M)- Among top five; Harbin. 2009. ✓ Currency collector; Drawing: still life and scenic collection.; Member {roller and ice skating, Table tennis club} HIT Harbin.
References:	available as required