

Salman Naseer

Assistant Professor
Computer Science

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<http://www.pu.edu.pk>

salman@pugc.edu.pk

Skills



Interests

Data Communication & Networks

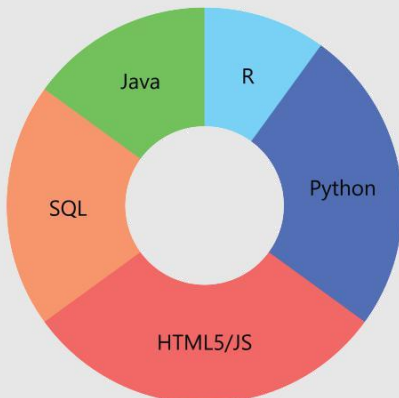
Internet Architectures & Protocols

Network Security

Network Design & Management

Wireless & Mobile Computing

Languages



Objective

An aspiration to work in a healthy organization with a chance of Reasonable growth and to develop Expertise for career growth

Experience

UNIVERSITY OF THE PUNJAB

Gujranwala Campus

Near Ali Pur Choak Gujranwala Bypass

<http://www.pu.edu.pk>

Assistant Professor (BPS-19) (On Study Leave)

Serving as an Assistant Professor in University of the Punjab. Senior Faculty Member in PUGC since last thirteen years and taught the various courses in Deptt. Of IT, Deptt. Of Business Admin and Commerce

- Data Communication and Networks
- Internet Architecture and Protocols
- Network Design and Management(CCNA)
- Wireless Network
- Network Security
- Database Management Systems
- Introduction to Programming
- Object Oriented Programming
- Introduction to Information Technology

Program Coordinator/ Incharge

Served as program coordinator and Incharge Department of IT University of the Punjab Gujranwala Campus. My responsibilities are designing and monitoring the course outlines of Subjects as well as coordination with Faculty and Students of Department and look after admission in Department.

Project Supervisor

Supervising the students of M.Sc. BS (IT), BS (CS) and B.Sc. in their final projects.

Chairman Blood Donor Society

Serving as a chairman of Blood Donor Society in the department of Information Technology.

Look after the network of the Campus.

Working with the windows 2003 server

Managing Oracle 9i Server.

Auckland University of Technology

Auckland, 1010.

<http://www.aut.ac.nz>

Part Time Lecturer / PhD Candidate.

Serving as a teacher assistant under the supervision of my supervisor Dr. William Liu and taught the following subjects.

- Network Security
- System Administration
- Database Design and Management.
- Object Oriented Programming

Performed lab work on the following operating system and IDEs

- Windows Server 2016
- Windows 7 and 10 as client
- Linux (Ubuntu) as client
- NetBeans IDE 8.2
- Oracle Server

Lahore College For Women University

May 2005 – Oct 2005

<http://www.lcwu.edu.pk>

Jail Road Lahore Pakistan.

Assistant Network Administrator

Maintenance of hardware/software more than 400 nodes. Trouble shooting of networks. With the help of support members

- Management of Internet Security and Acceleration server.
- Management of Oracle 9i server.

Delivered lectures of Data Communication and Networks in Department of IT and Electronics in BE classes.



Nov 2005 to Date

Achievements

- Faculty development fully funded scholarship holder for PhD study in New Zealand.
- I got 1st position in the selection board of Punjab University for the post of Lecturer.
- First Position in MS/M.Phil Lahore Leads University Lahore.
- Scholarship holder in M.Sc Computer Science PUCIT University of the Punjab Lahore.
- First Position in B.Sc. in Govt. Post Graduate College Gujranwala.
- Throughout First Division in Academic Record.
- Give demonstration to President of Pakistan General Pervaiz Musharaf on Video Conferencing on his visit to Punjab University Gujranwala Campus.
- Got two time research incentive award from my employer

Seminars/Workshops

- **Naseer, S.,** "A Sustainable Vehicular Based Energy Efficient Data Dissemination Approach" NSRG weekly meeting, October 2016.
- **Naseer, S.,** "A Sustainable Vehicular Based Energy Efficient Data Dissemination Approach" in PhD Student Presentations to Prof. Victor Leung from University of British Columbia
- **Naseer, S.,** "A Sustainable Vehicular Based Energy Efficient Data Dissemination Approach" in NSRG 2017 IEEE ComSoc Distinguished Lecturer Talks and AUT Network and Security Research Group Workshop to Professor Song Guo Hong Kong Polytechnic University Device-to-Device

Education

Level	Title	Field of Study	Board / University	CGPA/ Marks	Year of Passing	Division
Doctorate of Philosophy	PhD in Computer and Information Sciences	Wireless Networks	Auckland University of Technology, New Zealand	N/A	In Progress	N/A
MS/M-Phil (18 Years of Education)	Master of Science in Computer Science (MS-CS)	Computer Sciences	Lahore Leads University, Lahore	3.78/4.0 83.17%	2015	1 st
Master's Degree (16 Years of Education)	MSc	Computer Sciences	University of the Punjab, Lahore	3.22/4.0 76.20%	2004	1st
Bachelor's Degree (14 Years of Education)	BSc	Mathematics	University of the Punjab, Lahore	569/400 71.12%	2002	1st
Higher Secondary School Certificate	Intermediate	Science (Pre-engineering)	BISE Gujranwala	689/1100 62.63%	1999	1st
Secondary School Certificate	Matric	Science	BISE Gujranwala	684/850 80%	1997	1st

Research

Journal Papers

- **Naseer, Salman,** and S. R. Chaudhry. "LR-WPAN Formation Topologies using IEEE 802.15. 4." IJCSI International Journal of Computer Science Issues 8.6 (2011).<http://www.ijcsi.org/issues.php>
- **Naseer, Salman,** and S. R. Chaudhry. "LR-WPAN Formation Topologies using IEEE 802.15. 4." IJCSI International Journal of Computer Science Issues 8.6 (2011).<http://www.ijcsi.org/issues.php>
- Sandhu, Usman Asghar, **Naseer, Salman** et al. "A Study of the Novel Approaches Used in Intrusion Detection and Prevention Systems." International Journal of Information and Education Technology 1.5 (2011): 426.<http://www.ijiet.org/papers/70-R056.pdf>
- **Naseer, Salman,** et al. "Mobile ad-hoc network routing protocols: A simulation and performance analysis using multimedia traffic." Journal of Basic and Applied Scientific Research 2.10 (2012): 9925-9930. [http://www.textroad.com/pdf/IBASR/J.%20Basic.%20Appl.%20Sci.%20Res.,%20\(10\)9925-9930,%202012.pdf](http://www.textroad.com/pdf/IBASR/J.%20Basic.%20Appl.%20Sci.%20Res.,%20(10)9925-9930,%202012.pdf)
- Malik, Muhammad Ehsan, Muhammad Mudasar Ghafoor, and **Salman Naseer.** "Organizational effectiveness: A case study of telecommunication and banking sector of Pakistan." Far East journal of psychology and business 2.1 (2011): 37-48.
- **Naseer, Salman,** and Rashid Mahmood. "Intrusion detection techniques in mobile adhoc networks: A review." Lecture Notes on Information Theory Vol3 1 (2015). <http://www.init.org/uploadfile/2016/0115/20160115052305848.pdf>
- Khalid, Fiaz, S. Imtiaz, **S. Naseer.** "Performance Evaluation of Openstack Block Storage in Disaster Management & Recovery" International Journal of Computer Science and Information Security, December (2016) Volume 14 No. 12. ISSN: 1947:5500

Conference Paper

- **S. Naseer,** W. Liu, N. I Sarkar, P. H. J. Chong, E. Lai, and R. Venkatesha Parsad, "A sustainable vehicular based energy efficient data dissemination approach," vol. Conference Proceedings: 27th International Telecommunication Networks and Applications Conference (ITNAC), at Melbourne, Australia, November 2017.
- **S. Naseer,** W. Liu, N. I Sarkar, P. H. J. Chong, E. Lai, and R. Venkatesha Parsad,....., "A sustainable marriage of telcos and transp in the Era of big data:

- Attended a workshop on Lyx for thesis and Research paper writing. Organize by University of Auckland.
- **Naseer, S.**, Liu, W., Sarkar, N., Chong, P., L. Edmund, R.V. Parsad” A Sustainable Vehicular Based Energy Efficient Data Dissemination Approach” IEEE New Zealand Wireless workshop 2018, Co-sponsored by IEEE VTS NZ North Chapter, Auckland , New Zealand, 7 September 2018.
- **Naseer, S.**, Liu, W., Sarkar, N., Chong, P., L. Edmund, R.V. Parsad” Energy efficient massive data dissemination through vehicle mobility in smart cities” 2018 IEEE ComSoc Distinguished Lecturer Talks. WT 604, 1st November 2018 AUT, Auckland, New Zealand.

Project/Thesis

Abstract

One of the main issues in the development of smart cities is the data aggregation from various data sources that are densely deploy throughout the city to the central control units for storage and analysis. While the core networks are winding up progressively overburden, the cost of keeping up and extending the networks to oblige the big data of these smart cities stays high. Moreover, the utilization of these systems continues expanding the energy consumption. Subsequently, the carbon emission during this procedure could at long last genuinely hurting the environment. To overcome the problems of energy consumption and carbon emissions, we propose an energy efficient data dissemination framework based on public transportation (i.e. vehicular network). The idea is to utilize the existing public transport network infrastructure to pick up and deliver big data in Smart Cities.

Are we ready?”. Conference Proceedings: 3rd EAI International Conference on Smart Grid and Innovative Frontiers in Telecommunications, at Auckland, New Zealand, April 23-24.

- **S. Naseer** Paper presented in SECOND 21ST CENTURY ACADEMIC FORUM CONFERENCE AT **HARVARD USA** titled” Performance Evaluation of routing protocols in vehicular adhoc networks.”
- **S. Naseer** Presented a Paper “A survey on intrusion detection and prevention techniques” in International Conference in Information and Communication Management ICICM 2011 **Singapore.** <http://www.ipcsit.com/vol16/13-g>
- **S. Naseer** Paper presentation “Intrusion Detection Techniques in Mobile Adhoc Networks: A Review” in International Conference in Information and Communication Management ICICM 2014 **Geneva, Switzerland.**
- **S. Naseer** Paper accepted for oral presentation in SECOND 21ST CENTURY ACADEMIC FORUM CONFERENCE AT **HARVARD USA** titled” Performance Evaluation of IEEE 802.11n and IEEE 802.11p in Vanets for non-safety applications”
- **S. Naseer** Paper accepted for oral presentation in SECOND 21ST CENTURY ACADEMIC FORUM CONFERENCE AT **HARVARD USA** titled” Performance Evaluation of routing protocols in vehicular adhoc networks.”

Personal Details

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NIC: 34101-2416390-3

DOB: 15-04-1983

Passport# CA9823903

References

- Dr. William Liu
Senior Lecturer Auckland University of Technology
- Prof. Dr Syed Salman Rizavi
Director General University of the Punjab Gujranwala Campus
- Prof. Dr. Syed Mansoor Sarwar
Principal Punjab University College of Information Technology.

A Day of my life

