SADIQ SHAH

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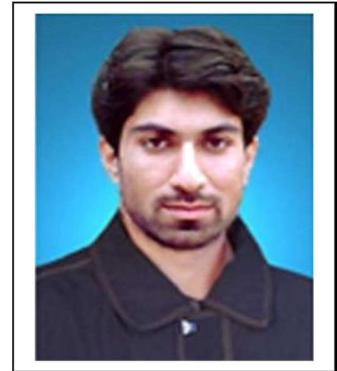**CELL:** +92 - 3330221010
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PROFESSIONAL PROFILE

I am an enthusiastic and dedicated professional with an experience across different areas of Computer and Networks. I am able to develop and motivate others to achieve targets, I can demonstrate a strong ability to manage projects from conception through to successful completion.

OBJECTIVE

To pursue a career in a challenging work environment where I can enhance my technical, presentation and managerial skills and to utilize my good communication skills to work effectively in a team environment and fulfilling the requirements of the ever changing world. Looking forward for a prospective career in the field of teaching, web designing and networks.

EDUCATION

2009-2012: *National University of Science and Technology (NUST), Islamabad, Pakistan*

   MS(IT) (3.25/4.0) CGPA

2003-2007: *University of Peshawar, Pakistan*

   BS(CS) (3.80/4.0) CGPA

2001-2003: *Islamia College Peshawar, Pakistan*

   HSSC (836/1100) Grade A

2000-2001: *BISE Peshawar, Pakistan*

   SSC (680/850) Grade A1

PROFESSIONAL HANDS ON EXPERIENCE

- Currently working as **lecturer Computer Science (BPS-18)** at FATA, University, FR Kohat, Darra AdamKhel, Pakistan
- Six years teaching experience (12 Sep, 2011 to 11 Sep, 2017) in Institute of Business and Management Science (IBMS) in University of Agriculture, Peshawar Pakistan.

- 2 year teaching Experience at FATA University Darra AdamKhel From 12 Sep, 2017 to Date).
- Worked as Teacher Assistant for 1 year with Dr. Anjum Naveed and Dr. Amir Hayat (late) at SEECS, NUST, Islamabad from 2010 t0 2011.
- Supervised at least thirty **BS** final year projects in web development and computer networks.
- Supervised five Master (MS/Phil) students.
- Good programming skills in MATLAB, C/C++, JAVA, PHP and Javascript.
- Experience of using OPNET Simulator.
- Skills of using Database Management Systems i.e. SQL Server, Microsoft Access.

MS THESIS TITLE

- Partially Overlapping Channel assignment in Multi-radio Multi-channel Wireless Mesh Networks.
- Major Supervisor: Dr. **Anjum Naveed**, Ph.D UNSW, Australia

RESEARCH INTEREST

- Multi-radio Multi-channel Wireless Mesh Networks
- Internet of Things

RESEARCH PAPERS

JOURNAL PAPERS

1. Shah, S., Abbas, A. W., Hussain, H., & Israr, H. (2017). **Minimizing information asymmetry interference in multi-radio multi-channel wireless mesh networks.** Kuwait Journal of Science, 44(3).

2. Sadiq Shah, M. Atif, S. Khan, M. Daud and F. K. Khalil (2018). **A Comparison of Near-Hidden and Information Asymmetry Interference Problems in Wireless Mesh Networks.** (IJACSA) International Journal of Advanced Computer Science and Applications, Vol. 9, No. 4, 2018

3. Rahman, Gohar, Chuah Chai Wen, Sadiq Shah, and Misbah Daud. **"Minimizing Information Asymmetry Interference using Optimal Channel Assignment Strategy in Wireless Mesh Networks."** INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS 10, no. 1 (2019): 99-106.

4. Khan, Akmal, Khalid Saeed, Haqdad Khan, Arbab Waseem Abbas, and Sadiq Shah. **"IMPACT OF SLEEPING NODES ON THE PERFORMANCE OF PROACTIVE AND REACTIVE ROUTING PROTOCOLS IN MOBILE AD HOC NETWORK."** Science International 29, no. 2 (2017): 447-447.

5. *Arbab Waseem, Khalid Saeed, Safdar Nawaz, Sahibzada Abdur Rehman, Muhammad Akbar Ali, Sadiq Shah. **Evaluation of Optimal Edge Detection Operator for Localization of License Plate of Vehicles with Different Orientations.** journal of mechanics of continua and mathematical sciences, Vol. 14, No. 03. Pp 445-453(2019)*

6. <mark>Sadiq Shah</mark>, Khalid Saeed, Mustafa Khan and Rafi Ullah Khan, **"Minimization of Information Asymmetry Interference using Partially Overlapping Channel Allocation in Wireless Mesh Networks**" International Journal of Advanced Computer Science and Applications(IJACSA), 9(8), 2018. http://dx.doi.org/10.14569/IJACSA.2018.090879

CONFERENCE PAPERS

1. <mark>Shah, S</mark>., Hussain, H., & Shoaib, M. (2013, September). **Minimizing non-coordinated interference in multi-radio multi-channel Wireless Mesh Networks (MRMC-WMNs)**. In Digital Information Management (ICDIM), 2013 Eighth International Conference on (pp. 24-28). IEEE.

2. Shoaib, M., Minallah, N., Rizwan, <mark>S., Shah</mark>, S., & Hussain, H. (2013, September)**. "Analyzing the impact of group mobility models over the on-demand routing protocols in MANETS.** In Digital Information Management (ICDIM), 2013 Eighth International Conference on (pp. 29-34). IEEE.

3. Hussain, H., Shoaib, M., Qureshi, M. B., & <mark>Shah, S</mark>. (2013, September)**. Load balancing through task shifting and task splitting strategies in multi-core environment.** In Digital Information Management (ICDIM), 2013 Eighth International Conference on (pp. 385-390). IEEE

4. Abbas, A. W., Ahmad, A., <mark>Shah, S</mark>., & Saeed, K. (2017, January). **Parameter investigation of Artificial Neural Network and Support Vector Machine for image classification**. In Applied Sciences and Technology (IBCAST), 2017 14th International Bhurban Conference on (pp. 795-798). IEEE.

AWARDS/ACHIEVEMENTS
- Got Mega IT fund scholarship at NUST for MSIT on the basis of merit.
- 2nd position in BSCS at University of Peshawar securing GPA 3.80 out of 4.0.
- Got first position during my SSC exams at GHS Shakoor Charsadda in 2001.

PERSONAL DETAILS
- **Language:** Fluent in English, Urdu, Pashto
- **Sports:** Volleyball, Football and cricket

REFERENCES

1. **Dr. Anjum Naveed**, Assistant Professor, SEECS, NUST Islamabad.
   Email: anjum.naveed@seecs.nust.edu.pk

2. **Dr. Sohail Yousaf**, Assistant Professor (CS), The University of Engineering andTechnology Peshawar.
   Email: syousaf@uetpeshawar.edu.pk

3. **Dr. Bilal Jan,** Assistant Professor (CS), FATA University FR. Kohat, Darra AdamKhel, **Email**: Dr.Bilaljan@fu.edu.pk

4. **Dr. Imdad Ullah,**Assistant Professor, King Sattam, Riaz, Saudi Arab.
   Email: Imd.ullah@gmail.com