Zia ur Rehman

Contact Information
H # S.A 511, St # 3, Near
Magistrate Colony, SadiqAbad,
Rawalpindi, Pakistan.
Mobile: +92-317-3360094,
        +92-321-5360094
E-Mail: ziaraja@gmail.com

EXPERIENCE SUMMARY

I have 7 years of teaching experience for the subjects of Computer Sciences, and developed techniques so that students can have better understandability and show interest towards the lecture. I have proven the ability to communicate effectively with all levels of management. I am a detail oriented and committed to delivering superior quality work.

Education

- **PhD(CS) Scholar**, Course work Completed, Thesis write-up phase, PMAS – Arid Agriculture University, Rawalpindi, Pakistan, since Oct. 2017.
- **MS(CS)**, **18th Year of Education**, Muhammad Ali Jinnah University, Islamabad, Pakistan, 2007.
- Studied **Subject Credit Hours to complete 16th year of education**, Muhammad Ali Jinnah University, Islamabad, Pakistan, 2004.
- **BCS(3 yr),** Allama Iqbal Open University, Islamabad, Pakistan, 2003.
- **Fsc (Pre-Eng.) ,** Rawalpindi Board, 1999.
- **Matric(Science**), Rawalpindi Board, 1997.

Publications (**ORCID:** https://orcid.org/0000-0003-0108-6443)

- **An Efficient Lightweight Key Agreement and Authentication Scheme for WBAN**. *IEEE Access, Oct. 2020, published,* Category- W, IF- 3.745.

- **Authentication Schemes in Medical Cyber-Physical System,** Book Chapter, *Status: Accepted*, in Information Security Handbook by CRC Press, Taylor & Francis Group, Aug.,2020.

- **Authentication Schemes in Cyber Physical System: A Secured Approach towards Future Emergency Management System,** *Abstract Presentation***,** Regional Workshop on ICT Role for Disaster Prediction & Management, PMAS-Arid Agriculture University, Rawalpindi on May 4, 2019.

- **Survey of Authentication Schemes in Health Monitoring: A Subset of Cyber Physical System**, at International Bhurban Conference on Applied Sciences & Technology (IBCAST), Islamabad, organized by IEEE on Jan. 9, 2019.

Subjects can Teach

- Computer Architecture, Networks, OOP, Databases, Programming Concepts / Languages, Web Programming, System Programming, Operating System Machine Learning.

CAREER ACCOMPLISHMENTS

Teaching Experience
- **Lecturer (Computer Science),** from Feb 2017 to to-date, in National University of Modern Languages (NUML), Islamabad, Pakistan.
- **Lecturer (Computer Science),** (Visiting Faculty), from Sept., 2013 to till date, in University of Central Punjab, Rawalpindi Campus, Pakistan**.**
- **Lecturer (Computer Science)**, (Visiting Faculty), from Sept. 2015 – to June, 2017 in PMAS – Arid Agriculture University Rawalpindi, Pakistan.
- Experience of working as External Examiner for BS(CS) Projects at Sir Syed College affiliated with Sir Syed University, Tipu Road, Rawalpindi, Pakistan.
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JOB EXPERIENCE

Habib Rafiq (Pvt) Ltd.
January 2006 – February 2017.

Computer Section Incharge
Database, Networks & GIS.

My Responsibilities were:

- Developing and maintaining Database for Rights of Ownership, Revenue Land record system in Sql Server.
- Connecting this database with GIS Maps.
- Demarking boundary on those Map.
- Showing Purchase, acquisition and land under process of purchase on those maps.
- Superimposing survey data on those maps.

National Tariff Commission (NTC)
As Internee(Web & Database Development) Mar 2005 – Dec 2005
Blue Area, Islamabad.

Technical Profile

Database / Data Analysis: Oracle 8.x, 9i, 10g, MySQL, SQL Server Ms Access, Matlab, WEKA
GUI: oracle 9i Application server, Oracle Developer (Forms 6.0, Reports 6.0)
Operating Systems: windows NT 4.0, Windows 7/8/10
Languages: PL/SQL, SQL, SQL*Plus, Java, VB 6.0, ASP, PHP.

Personal Information

Nationality:	Pakistani
D.O.B:	12/01/1982
Gender:	Male
Marital Status:	Married