

# MUDDASSIRA ARSHAD

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## Objective

Seeking a progressive career where research and academics experience be applied to achieve challenging goals and contribute towards organization's excellence.

## Proficiency

- Communication skills and conducting lectures.
- Appreciable in Usability Engineering, Systems Analysis and Design, SQA.

## Professional Qualifications

- CIIT **National Workshop** on 'Bioinformatics for Computer Scientists' at COMSTECH Secretariat, Islamabad. [May 21, 2007 - May 25, 2007]
- 2<sup>nd</sup> **Workshop** on 'Theoretical Computer Science' at Lahore University of Management Sciences (LUMS), Lahore [June 30, 2003 - July 12 2003]
- **Workshop** on 'Theoretical Computer Science' at Lahore University of Management Sciences (LUMS), Lahore [June 3, 2002 - June 15 2002]
- **Masters in Computer Science**, Quaid-i-Azam University, Islamabad. [February 1999 - January 2001]

## EXPERIENCE

### August 2011 to date

Lecturer, Punjab University College of Information Technology, Punjab University, Lahore

### September 2001 to July 2011

Lecturer, Computer Science Department, Quaid-i-Azam University, Islamabad.

## Administrative Roles

- Member Board of Studies of Computer Science Department, Quaid-i-Azam University, Islamabad. [May 2006 to January 2009]
- Member Board of Faculty, Quaid-i-Azam University, Islamabad. [2008]
- Member of Project Coordination committee of M.Sc. Computer Science Final Semester Students. [September 2001 to February 2003]
- Represented "Faculty members of Public Sector Universities" in Panel Discussion arranged by LUMS, on "Problems in Present System and suggested Improvements in the Standards of Higher Education in Sub-Continent" [July 10, 2003]
- External Examiner at Comsats Institute of Information Technology, Islamabad to evaluate projects titled "Reconciliation of Phylogenetic trees" & "Bioinformatics Workflow Assessment" [January 2008]
- Student Advisor at Department of Computer Science, Quaid-i-Azam University, Islamabad [February 2005 to December 2005]
- Meeting Secretary in Faculty meetings held at department of Computer Science [December 2005 to March 2009]
- Development & Presentation of 'Jawaid Azfar Computer Center Website' (Planning Commission of Pakistan) to Minister of Planning and Development as an Intern [September 1999]

## Teaching Experience

- Human Computer Interaction
- Software Engineering
- Software Design Methodologies
- Software Quality Assurance
- Rapid Application Development
- Object Oriented Analysis and Design
- Database Design
- Computer Graphics
- Computer Architecture
- Discrete Structures and Automata Theory

### **Project Supervisions:**

Supervised over 50 M.Sc. final semester students' projects, including but not limited to web based information systems, load management & balancing techniques, CASE tools, steganography technique.

Details of the supervised software projects can be provided.

### **Quality Assurance**

Worked on Quality Assurance of "Story of Pakistan" with **Jin Technologies (Pvt.) Ltd, Islamabad.** [April 2003]

### **Other Projects**

- Worked with **Pakistan Revenue Automation Limited, Islamabad**, for development of Intranet based procurement system [August 2000 to February 2001] using **SQL Server 7.0** and **ASP 3.0** with **VbScript** and **JavaScript**.
- Served in **ALCATEL Pakistan Pvt. (Ltd.), Islamabad** for corrective maintenance, and technical document preparation of FoxPro based Payroll system [July 2000].
- Worked with **IT development Program 2010**, Planning Commission, Govt. of Pakistan as an Intern, developed Website for Computer Center of Planning Commission of Pakistan. [01 August 1999 to 31 September 1999]

### **Seminars Attended**

- Talk titled "Formal Methods and Software Testing", presented by Dr. Aamer Nadeem (Assistant Professor, Muhammad Ali Jinnah University, Islamabad) [June 2008]
- Lecture titled "Software Engineering Reality", presented by Dr. Naveed Ikram (Dean, Riphah University, Islamabad) [May 2005]
- Lecture titled "Grid Computing" presented by Dr. Abdul Qadir (Professor, Muhammad Ali Jinnah University, Islamabad) [May 2005]
- Lecture titled "Software Architecture" presented by Dr. Arshad Ali Shahid (Professor, National University of Computer and Emerging Sciences) [April 2005]
- Seminar on Nano-Technologies arranged by PINSTECH at Pakistan Academy of Sciences. [July 31, 2003]
- IT Summit in August 1999, covering the areas of E-government, Data Communications etc. [Aug. 15- 16, 1999]

### **Professional Tools**

#### **Packages:**

Rational Rose, Visual Studio (ASP.Net), MS SQL Server, Macromedia Dream Weaver

#### **Languages:**

Worked on assignments and projects using C/C++, OpenGL, COBOL, SQL Server, FoxPro, UML.

### **Extra Curricular Activities**

Participated in National day Swimming Gala at Sports Complex Islamabad [August 2008]

Participated as South Asian Swimming Jury Team [September 2007]

Participated and won prizes in extracurricular activities at school level [1988]

Won presidential certificate for the performance in Quaid-i-Azam day celebration at Aiwan-e-Sadar, Islamabad [1987].

### **References**

Will be furnished upon request