

# Tayyaba Tariq

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## Career Summary

I've gained knowledge and professional skills. I've completed MS (CS) from NUCES-FAST. My area of specialization is **Software Engineering**. My **CGPA** in MS (CS) is **3.58**. I am awarded bronze medal on getting 3<sup>rd</sup> position. I would like to pursue a challenging position in a dynamic environment.

## Work Experience

- In Punjab University College of Information Technology working as Assistant Professor. **Jun 2009 to date**
  - Responsibilities
    - To conduct lectures
    - To conduct lab sessions
    - Preparing quizzes, assignments, lab manuals and examinations
    - Grading of all above.
  - Additionally member of Project Office
    - To provide guidelines to students for their final year projects
    - To evaluate students' final year project deliverables
  - Member of PUCIT admission committee
    - To document admission processes for all academic programs
    - Carrying out admission process from advertisement to posting of final lists.
  - Worked as degree supervisor
    - Preparation of tentative teaching schedule and course assignments before start of semester
    - Coordination of visiting and contractual faculty members
    - Ensuring regular conduction of classes
    - Ensuring that make up classes are taken by faculty when needed.
    - To guide students about their courses
    - To review all award lists (grade sheets) to ensure grades are awarded according to existing grading policy.
    - Report principal about progress of degree program and courses, and related issue.
  - Member of college council to handle internal management issues
- In Punjab University College of Information Technology working as permanent lecturer. **Aug 2007 to Jun 2009**
  - Responsibilities : Same as above
- In FAST worked as **External Instructor** for two semesters
  - Responsibilities:
    - To conduct lab sessions.

- To prepare and grade lab manuals
  - To prepare and grade quizzes and assignments.
- In FAST worked as **Teacher Assistant** for Advanced Software Engineering
  - Responsibilities
    - Checking quizzes and assignments.
- Lone Star Technologies is a US based Software house. I worked there as a **Software Developer** (for vb.net) from **March 2005 to June 2005**. I worked on SalesStrat project that has been developed for the sales market in United States of America.
  - Responsibilities:
    - Tasks assigned by team lead.

## Qualification

Degree	Division	Year	Institution	Board/Unive rsity
MS (Computer Science)	<b>3.58 (3<sup>rd</sup> Position)</b>	2005-2007	NUCES-FAST	NUCES
B.Sc.(Hons.)Computer Science- 4 Years	<b>3.72 CGPA</b>	2001-2005	Punjab University College of Information Technology	University of the Punjab
F.Sc.(Biology, Physics, Chemistry)	<b>1<sup>st</sup> (72%)</b>	1998-2000	Govt. College for Women Wahdat Colony.	BISE Lahore

## Achievements

- **Bronze medal on securing 3<sup>rd</sup> position at NUCES-FAST in MS.**
- **University Merit Scholarships for Performance (i.e. always got one of top ten positions) in Academics during Bachelors.**
- **Performance star (bonus) while working at Lone Star Technologies.**

## Research Work

- **“Educational Capability Maturity Model for Curriculum Design”**
  - 4th CIIT Workshop on Research in Computing – CWRC Fall 2006”, November 10, 2006 at the COMSATS Institute of Information Technology, Attock.
- **“Quality of Service for Components: Extending UML Profile for QoS and FT”**
  - MS research thesis done at NUCES-FAST under supervision of Dr. Fakhar ul Islam Lodhi and Dr. Qaiser Durrani
- **“Software Quality Assurance Research Center: Identification and definition of SQA processes and practices”**
  - MS research work done under supervision of Dr. Qaiser Durrani
- **“Specification of JavaScript New-A subset JavaScript”**
  - MS research work done under supervision of Dr. Fakhar ul Islam Lodhi

## **Skills**

Knowledge of following Operating Systems, Applications and IT tools:

- *Operating System* Windows 98, Me, 2000, and XP
- *Microsoft Office* MS Office 2000 & MS Office XP  
(MS Word, MS Excel, MS Power point)
- *Tools & Technologies* J2EE, J2SE, J2ME, Visio, RationalRose, Jbuilder, Front Page, Macromedia Dreamweaver MX (Web Page Designing) Nokia Mobile Internet Tool kit, Apache Tomcat, Bea Web Logic, Matlab
- *Programming Languages* XML, HTML, C/C++, SQL, Assembly, Java, JSP, Java Script, WML, VB.Net, Servlets.
- *Databases* Oracle 9i, MS SQL Server, MS Access

## **Areas of Interest**

- Software Engineering
- Software Quality
- Computer Programming
- Software Processes

## **Courses Taught**

- Software Engineering
- Software Quality Assurance
- Component based Software Engineering
- Requirement Engineering
- Programming Fundamentals (C++)
- Advanced Computer Programming for IT (Java)

## **Languages**

- English (IELTS): Overall band score 7.5  
Listening 8.0, Reading 8.5, Writing 6.5, Speaking 6.5
- First Language: URDU (S, R, W, L)

**29<sup>th</sup> May, 2010**