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**YASIR NAEEM SHERWANI**

## PROFESSIONAL OBJECTIVE:

## To deliver lectures on Computer Science related subjects & to impart high quality training to different learner

## groups with latest modernized approach & techniques.

## EDUCATION:

2005 - 2007 **MS.**

Computational Sciences

Uppsala University, Uppsala, Sweden

2001 - 2004 **M.Sc.**

Computer Science specialization in Web Engineering

University of the Punjab, Lahore, Pakistan

1999 - 2001 **B.Sc.**

Mathematics

Government College University, Lahore, Pakistan

##### **MS THESIS:**

Thesis presented on this topic: **“Binomial Approximation Methods for Option Pricing”**.

[www2.math.uu.se/research/pub/Sherwani1.pdf](http://www.math.uu.se/research/pub/Sherwani1.pdf)

Thesis Advisor: Prof. Johan Tysk

**RESEARCH INTEREST:**

* Data mining attempts to extract knowledge from data.
* Cryptography Analysis.
* Human Computer Interaction.
* Distributed databases including deadlock detection.

##### **WORK EXPERIENCE:**

**5 Year Experience of Teaching and Academic Administration**

**2 Year Experience as a Freelance Web Developer**

*Present Status:*

* **The University of Lahore, Lahore** (Since August. 2013)

***Senior Lecturer***

* Teaching
* Coordinating Departmental Affairs
* Advisor to Final Year Projects.
* **Freelance Web Developer** (Since September. 2013)
* Designing and building custom web applications.
* Website security, SEO
* I have worked with a range of web technologies including PHP, CSS, MySQL, JavaScript, HTML5, WordPress, Bootstrap, jQuery and AJAX.
* Projects Completed:
* <http://www.localjobs.pk>
* <http://www.bodlaworldrecords.com>

*Previous*

* **Lahore Leads University, Lahore.** (Sept. 2012 to August. 2013)

***Lecturer***

* Taught IT and Mathematics related courses.
* Convenor of Student Advisor and Placement Committee.
* **Hailey College of Commerce, University of the Punjab.** (Mar. 2009 to Aug. 2012)

***Visiting Lecturer***

* Taught IT and Business mathematics and statistics related courses.
* Campus life In-charge.
* **University of the Punjab** (Jul. 2009 to Aug. 2009)

***Additional Head Examiner***

* Additional Head Examiner in the subject of “Computer Application in Business”.
* Guide sub-examiners/evaluators about curriculum content and structure.
* Guide and discuss the assessment strategies with sub-examiners/evaluators.
* Audit a sample of graded continuous assessments and graded examination script (where appropriate) of sub-examiners/evaluators.
* **COMSATS Institute of Information Technology, Wah Campus** (Mar. 2008 to Feb. 2009)

***Lecturer OG - I***

* Teach IT and Mathematics related courses.
* Administrator.
* **European Union Election Observation Mission to Pakistan, Lahore** (Jan. 2008 to Mar. 2008)

***Assistant***

* Scheduling meetings of EU Election Observer delegation with political parties’ politician and with different stake holder related to election.
* Interpreting the local and foreign language & norms for EU Observers.
* Assist EU Observers for press and media meetings.
* Conducting surveys with EU Observers on election in the city.
* **Soft-Mine Limited, Lahore** (May. 2004 to Jul. 2005),

***Database Administrator***

* Designing the database model according to business requirements.
* Converting the database model to physical model in RDBMS i,e SQL Server 2000.
* Backend programming writing database code including packages, procedures, trigger.
* Performed basic DBA activities for local DB server.
* Working knowledge of writing database store procedures, triggers and functions.
* Possesses knowledge of application design principles.
* Involved in the analysis, design and implementation of different projects.

*Teaching Versatility (Taught Courses)*

* **Web Engineering**, (BCS 6th Semester, The University of Lahore, Spring 15)
* **Web Programming**, (MCS/MIT 1st Semester, The University of Lahore, Autumn 14, Spring 15)
* **Electronic Commerce**, (MIT 2nd Semester, The University of Lahore, Spring 14, Summer 14)
* **Discrete Structures**, (BCS 3rd Semester, The University of Lahore, Fall 13, Summer 15)
* **Management Information Systems**, (MIT 4th Semester, The University of Lahore, Fall 13)
* **Introduction to Computing**, (BCS 1st Semester, UOL, Autumn 13, Spring 14, Autumn 14)
* **Computer Application in Business**, (MBA 2nd Semester, Lahore Leads University, Autumn 12)
* **Database Management Systems**, (BCOM 6th Semester, HCC & M.Sc. 2nd Semester, Lahore Leads University, Autumn 12, Spring 09)
* **Calculus and Analytical Geometry**, (BCS/BS(Math) 1st Sem, Lahore Leads University, Spring 13)
* **Quantitative Techniques in Business**, (MBA 1st Semester, COMSATS IIT, Fall 08)
* **Business Mathematics-I**, (BBA 4th Semester, Lahore Leads University, Spring 13)
* **Business Mathematics-II**, (BBA 2nd Semester, COMSATS IIT, Spring 08)
* **Taught Levels:**

M.Sc / MS.

MBA, MCS, M.A. and undergraduate

CA, PIPFA, ICMA & A Level

##### **CERTIFICATIONS:**

* **ORACLE 11G,** Lahore Leads University.
* **CISCO Certified Network Associate (CCNA)**, CORVIT Systems, Lahore
* **Web Design and Development**, Department of Mathematics, University of the Punjab

##### **PERSONAL SKILLS:**

I am an individual aiming to provide quality and unique services, MS in computational science graduate with

strong international exposure. I am proud of the results I have accomplished so far and I am eager to keep on

growing. Here are a few words about me:

• Versatile individual with a steep learning curve.

• Strongly self motivated, resourceful and willing to assume responsibility.

##### **ORGANIZATIONAL & SOCIAL SKILLS:**

Dedicated, self-starter, result oriented team player with good interpersonal & communication skills.

Integration with foreigners.

##### **IT SKILLS:**

C, C++, HTML5, CSS3, PHP, MySQL, JavaScript, AJAX, JQuery, XML, UML, Oracle 11G, Java,

SQL Server 2008, Dreamweaver CS5, WordPress 4.1, SEO, Web Security, Bootstrap 3.0

##### **MATHEMATICS SKILLS:**

Black Scholes, Risk-Neutral, Option Pricing, Option & Derivatives, Matlab, CAPM, Excel, Greeks, Volatility,

Stochastic, Statistics, Optimization, Curve Fitting, Minitab, R+, SPSS, SAP Finance (Begginer).

**Languages:**

English Urdu Punjabi Swedish Arabic

(Fluent) (Fluent) (Fluent) (Basic) (Basic)

**PERSONAL:**

* Date of Birth March 15th, 1981
* Marital status Single
* Nationality Pakistani

**References:**

* **Dr. Aftab Ahmed Malik**, Dean & HOD, Department of Computer Sc, The University of Lahore.
* **Prof. Dr. Liaqat Ali Ch.,** Principal & Dean, Hailey College of Commerce, University of the Punjab.
* **Dr. MS Rana**, Chief Coordinator (R), Government of the Punjab.
* **Mr. Asad Butt**, Assistant Professor, IB&M, University of Engineering & Technology, Lahore.