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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
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 the Final Year Project.

- **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.