

Imran Majid

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Objective

Seeking a career as a Software Designer, applying my background in Object Oriented and Component-based environments

Academic Qualification

McGill University, Montreal, QC 2004 – present
M.Sc. in Computer Science (Software Engineering and Programming Languages)
Paper published for MSc project at ETX workshop, OOPSLA 2005
CGPA 4.00/4.00

National University of Computer & Emerging Sciences, Lahore, Pak 1997 – 2002
B.Sc. in Computer Science (Software Engineering) CGPA 3.67/4.00
Graduated with Distinction and awarded Agha Hasan Abbadi Gold Medal
Received Merit Scholarship throughout the undergraduate program

Training

- Object Oriented Analysis and Design at QA Training (www.qa.com), UK 2000
- Component based development at AAGITS ,Lahore, Pak 2000
- Commercial Banking Course, Institute of Banking, The Netherlands 2001

Experience

System Analyst Programmer, ESP Global IT Systems, Lahore, Pak 2002 – 2004

- Worked as a Technical lead for a Risk Management project of ABN AMRO bank
- Designed a mobile cash voucher product that was nominated for the 'Best invention of the year 2003' in The Netherlands
- Gained business knowledge of brokerage houses while working in close cooperation with Lahore Stock Exchange and an investment bank
- Developed a complete solution for brokerage houses with internet based trading facilities
- Developed a feasibility study of a language for distributed GroupWare applications
- Developed and deployed web-based applications
- Worked as Internal Quality Auditor for the firm

System Analyst Programmer, ABN AMRO Global IT Systems, Lahore, Pak 2000 – 2002

- Joined as Junior System Analyst Programmer and later promoted
- Secondment to Netherlands to work as a liaison between client, development and testing teams
- Followed complete SDLC of several Component based Object Oriented projects
- Participated in the development of an in-house web applications development framework
- Investigated XML technology and conducted knowledge sharing sessions
- Assisted several projects in assimilation of XML technology
- Explored .Net technology, developed training material and conducted an in-house training
- Served as a .Net consultant within the firm, assisting other teams working on it

Skills

Programming Languages:

Java, C++, C#, VB.Net, SML, JavaScript

Software Design Tools:

Select Enterprise, Rational Rose

Tools and Technologies:

IBM WSAD, IBM VisualAge, Visual Studio .NET, Struts, EJB, Servlets, JSP, XML, Matlab

Web Servers:

IBM WebSphere, Apache Tomcat Microsoft IIS

Databases

MySQL, Oracle, IBM db2, Access

Operating Systems:

Windows 95/98, 2000/NT , UNIX, LINUX and DOS

MSc Project

McGill University, Montreal, QC

2004 – present

NaCIN – Program Navigation-based Concern Inference (M.Sc. Research Project)

Concern Graphs are an efficient means to modularize scattered concerns. Currently these Concern Graphs are created through user interaction. My research project aims at extracting these concern graphs without user interaction. Developed as an Eclipse plugin, it involves detailed study of the structure of Eclipse IDE.

Paper published at Eclipse Technology Exchange workshop, OOPSLA 2005.

Courses

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|------------------------------------|--|----------------------------------|
| • Compiler Construction | • Software Evolution | • Modelling and Simulation |
| • Compiler Optimizations | • Software Fault Tolerance | • Probabilistic Reasoning and AI |
| • Concurrent Programming Languages | • Object Oriented Software Development | |
| • Language based Security | | |

Languages

Fluent English and Urdu (written and spoken), basic French

Other Experience

- Taught undergraduate level CS courses at several institutions in Lahore, Pak
- Worked as Teaching Assistant at School of Computer Science, McGill University

Interests

- Software Evolution, studying complicated software systems and problem solving
- Outdoor enthusiast, have been traveling through Europe and Pakistan
- Admire the works of Van Gogh and interested in visiting art museums
- Member of Cricket and Soccer teams of NUCES; awarded best player of intra-university Soccer competition.

References

Available upon request