

Nauman Ahmed Qureshi

OBJECTIVE

To enhance my capabilities by contributing constructively to a progressing organization that utilizes my full capabilities and provides me with exposure, and opportunities for research & growth.

CAREER SUMMARY

3+ years of experience in IT operations, performing activities primarily in Software development and company operations at lead positions, Strong system analysis background with the knowledge of latest analysis techniques, Process Models. Good E-Commerce application development skills. Good exposure of interaction with the customers during requirements elicitation phase. I worked at National University of Sciences and Technology (NUST, Pakistan) as a Lecturer (Taught Bachelors and MS level courses). I taught a semester course at University of North Carolina at Charlotte (UNCC, USA) as visiting faculty. Currently, I am doing my PhD degree jointly at University of Trento and Fondazione Bruno Kessler (FBK) in Italy.

ACADEMIC QUALIFICATIONS

DEGREE	AREA OF SPECIALIZATION	YEAR	INSTITUTE / UNIVERSITY
PhD	Software Engineering (Requirements Engg.)	In Progress	University of Trento, Fondazione Bruno Kessler (FBK), Italy
MS (IT)	Distributed Computing	2003-2005	NUST Institute of Information Technology (NIIT), Rawalpindi, Pakistan
MCS	Software Engineering	2002	Shaheed Zulfiqar Ali Bhutto Institute of Science & Technology (SZABIST), Islamabad
B.com	Business & Commerce	2000	Punjab University

RESEARCH INTERESTS

- Requirements Engineering,
- Agent-Oriented Software Engineering,
- Autonomic Computing,
- Self-Adaptive Systems

PUBLICATIONS

- **Qureshi, N.A.**, I. J. Jureta, A. Perini: Requirements engineering for self-adaptive systems: Core ontology and problem statement. In Caise'11: Conference on Advanced Information Systems Engineering. London, UK (2011), (Accepted for Publication)
- **Qureshi, N.A.**, Norbert Seyff, Anna Perini, Satisfying User Needs at the Right Time and in the Right Place: A Research Preview, paper at 17th International Working Conference on Requirements Engineering: Foundation for Software Quality, REFSQ'11, vol. 6606, pp. 94-99, Springer (LNCS), Essen, Germany, March 2011. **(Presented)**
- **Qureshi, N.A.**; A. Perini, "Requirements Engineering for Adaptive Service Based Applications". 18th IEEE International Requirements Engineering Conference (RE '10), pp.108-111, Sydney, September 2010. **(Presented)**
- **Qureshi, N.A.**, A. Perini, "Continuous Adaptive Requirements Engineering: An Architecture for Self-Adaptive Service-Based Applications", paper at 1st International Workshop on RE @ Runtime at 18th IEEE International Requirements Engineering Conference (RE '10), Sydney, pp.17-24, 28-28, September 2010. **(Presented)**

- **Qureshi, N.A.**, A. Perini, N. A. Ernst, J. Mylopoulos, "Towards a Continuous Requirements Engineering Framework for Self-Adaptive Systems", paper at Workshop on RE @ Runtime at 18th IEEE International Requirements Engineering Conference (RE '10), pp.9-16 ,Sydney, September 2010. **(Presented)**
- **Qureshi, N.A.**; C. D. Nguyen, Perini, A., "Analyzing Interoperability Requirements for Adaptive Service-based Applications" in REFS '10: Proceedings of the 2010 COMSPAC Workshop on Requirements Engineering for Services, pp. 239-244, South Koera, 2010. **(Presented)**
- Chiara Di Francescomarino, Chiara Leonardi, Alessandro Marchetto, Cu D. Nguyen, **Nauman A. Qureshi**, Luca Sabatucci, Anna Perini, Angelo Susi, Paolo Tonella, Massimo Zancanaro, "A bit of "Persona", a bit of "Goal", a bit of "Process" ... a recipe for Analyzing User Intensive Software Systems. In J. Castro, X. Franch, J. Mylopoulos, E. Yu (Eds.) of Proc. of the 4th International i* Workshop (iStar'10), pp. 36-40, CEUR-WS.org, ISSN 1613-0073, Hammamet, Tunisia, June 07-08, 2010 **(Presented)**
- A. Marchetto, C. D. Nguyen, C. D. Francescomarino, **N. A. Qureshi**, A. Perini, and P. Tonella, "A design methodology for real services," in PESOS '10: Proceedings of the 2010 ICSE Workshop on Principles of Engineering Service Oriented Systems, pp. 15-21, 2010. **(Presented)**
- **Qureshi, N.A.**; Perini, A., "Engineering Adaptive Requirements" In Proceedings of (SEAMS '09) Workshop on Software engineering for adaptive and self-managing systems co-located with ICSE '09, pp. 126-13, Vancouver, Canada, May 2009. **(Presented)**
- **Qureshi, N.A.**; Perini, A., "Towards Seamless Adaptation: An Agent-Oriented Approach," Second IEEE International Conference on Self-Adaptive and Self-Organizing Systems (SASO '08). pp.471-472, 20-24 Oct. 2008 ISBN-13: 978-0-7695-3404-6 [*Short Paper*] **(Presented)**
- **Qureshi, N.A.**; Perini, A., "An Agent-Based Middleware for Adaptive Systems," Quality Software, 2008. QSIC '08. The Eighth International Conference on , vol., no., pp.423-428, 12-13 Aug. 2008 ISBN: 978-0-7695-3312-4, Digital Object Identifier: 10.1109/QSIC.2008.36 **(Presented)**
- **Nauman Ahmed Qureshi**, Arshad Ali, Hafiz Farooq Ahmad, Hiroki Suguri, "Autonomous Natural Language Translation to Agent Language for FIPA Compliant Multi-Agent Systems", Proceedings of the Eighth Pacific Rim International Workshop on Multi-Agents (PRIMA 2005), pp. 261-273, Malaysia. **(Presented)**
- Malik, S.S.; **Qureshi, N.A.**; Ali, A.; Ahmad, H.F.; Suguri, H., "Inter platform agent mobility in FIPA compliant multi-agent systems," Active Media Technology, 2005. (AMT 2005). Proceedings of the 2005 International Conference on , vol., no., pp. 393-396, 19-21 May 2005, Digital Object Identifier 10.1109/AMT.2005.1505379 **(Presented)**
- Mujtaba Haider, Dr.N.D.Gohar, Dr.Farooq, Atif Kamal, **Nauman Qureshi**, GENIOUS: Generating Enhanced results from NLP Intelligently by Ontology Using Semantics, published in Proceedings of 4th International Workshop on Multi-Agent Systems and Semantic Grid (MASSG06), NUST, Pakistan. **(Presented)**
- Aatif Kamal, Dr Arshad Ali, **Nauman Qureshi**, M. Tariq, Optimal and Economic Solution for eLaw Data Storage and Retrieval, First IEEE International conference on Open Source Technology (ICOST) Dec 2006, UET Lahore, Pakistan. **(Presented)**

PROFESSIONAL ACTIVITIES

- **Student Volunteer Chair at 19th International IEEE Requirements Engineering Conference (RE'11), Trento, Italy (www.re11.org)**
- **Co- Reviewer for:**
 - **SEAMS 2011:** 6th International Symposium on Software Engineering for Adaptive and Self-Managing Systems
 - **SEAMS 2010:** 5th International Workshop on Software Engineering for Adaptive and Self-Managing Systems
 - **SEAMS 2009:** 4th International Workshop on Software Engineering for Adaptive and Self-Managing Systems
 - **AAMAS 2009:** the International Conference on Autonomous Agents and Multi-Agent Systems
 - **AAMAS 2008:** the International Conference on Autonomous Agents and Multi-Agent Systems

DISTINCTIONS / AWARDS

- **Invited as Adjunct Faculty at University of North Carolina Charlotte, USA to teach summer semester course in May 2007**
- **Awarded a shield for testing and debugging of Scalable Fault-Tolerant Agent Grooming Environment** (SAGE: http://www.seecs.nust.edu.pk/sub_websites/sage/)
By Minister for IT & Telecom on November 29th 2004
- **Won NIIT Prize for SAGE logo design** By Dr. Arshad Ali (DG NIIT)
- **Awarded semester scholarships** during Masters and in MS (IT)

TEACHING EXPERIENCE

Lecturer (on Study Leave)

National University of Sciences and Technology (NUST)
NUST Institute of IT, Rawalpindi, Pakistan

Duration

August 2005 – to date

Course(s) Taught:

- Software Engineering
- Object Oriented Software Engineering (UML)
- C, JAVA Programming
- Web Technologies
- Introduction to ICT & Programming Fundamentals

Research & Development:

- Design & Development of RFID Based Applications for NUST, University Labs.
- Supervising UG and PG students for final year projects and Research projects.

Visiting Faculty (Under Faculty Exchange Program)

University of North Carolina at Chorlette (UNCC, USA)
Department of Computer Science

Duration

May 2007 – June 2007

Course(s) Taught:

- Summer Semester Course, ITCS 1101

PROFESSIONAL EXPERIENCE

Software Engineer

Ex-Cel Solutions International, Inc., Islamabad, Pakistan.
(Liaison Development Center)

Duration

June 2003 – April 2004

Job Responsibilities:

- Analysis and designing of Software Systems
- Client Interaction
- Supporting the development activities,
- Preparation of Test Scripts, execution of Software test plans, and analysis of test results

Major Project(s):

▪ **HearthStone Information System.**

Involved in System Analysis of legacy Information System of Hearth Stone (US based construction firm). Involved in devising the conversion strategies and preparation of design and requirements specification for the new Web-Based Application. Also preparation of test script and their execution. Also Involved in assisting the development team by playing the role of a virtual customer.

Tool / Language Used: *Visual Basic. NET / ASP.NET / SQL Sever / Java Script/ UML (Rational Rose)*

Jr. Software Engineer

Fauji Software Company (Pvt.) Ltd. Islamabad, Pakistan

Duration

Feb 2002 – April 2003

Job Responsibilities:

- Software Programming
- Software Quality Assurance

Major Projects:

▪ **HearthStone Information System.**

Designed and Developed Web-based mockup application for HearthStone (US based construction firm). The project is focused on porting an existing legacy Information System from the DEC VMS Alpha platform to Windows 2000 using .NET architecture. Project was divided into two phases, First phase being a prototype for the partial system and the second phase was the conversion of the complete application, based upon the first phase.

Tool / Language Used: *Visual Basic. NET / ASP.NET / SQL Sever / Java Script/ UML (Rational Rose).*

▪ **Recruitment Portal** (<http://www.overseas-faujioes.com.pk>)

OES is a successful online Jobs Portal has been developed and deployed for Overseas Employment Services, Fauji Foundation Pakistan. OES has earned the confidence of overseas employers the world over, more significantly, in the Middle East. OES has established web presence in the form of one of the biggest Job Portals.

Tool / Language Used: *ASP, JavaScript, VBScript / MS ACCESS / Dream weaver / Adobe Photoshop 5.5 / Flash 5.*

▪ **Fauji Software Training Systems Web Site** (<http://www.faujisoft.com/fsts>)

FaujiSoft Training Systems is an integrated system, which is being developed to lay the foundation for an Integrated Business Model and to help in managing and monitoring the activities of the zonal institutes from one platform.

Tool / Language Used: *ASP, JavaScript, VBScript / MS ACCESS / Dream weaver / Adobe Photoshop 6.0/ Flash 5.*

PROFESSIONAL AFFILIATIONS

- Student Member ACM
- Student Member IEEE

AREAS OF EFFECTIVENESS

- **Languages:** C++, Java (J2SE), .Net (VB.Net, ASP.Net)
- **Databases:** My SQL, MS SQL Server, MS Access
- **Web Technologies:** Java Script, VB Script, WML, WML Scripting, HTML, ASP, ASP.NET
- **Multimedia:** Adobe Photoshop 6.0-8.0, Adobe Image Styler 1.0, Swish 2.0, Flash 5.0.
- **Environments:** Windows 9x/2000/XP/Vista, Linux(Beginner)

TECHNICAL EDUCATION

- **EASSS 2009 - European Agent Systems Summer School**, Torino, Italy, 2009
- **GII Doctoral School in Computer Engineering**, L`Aquila, Italy, 2008
- **Software Project Planning** By SYSCOMP International (PMI-REP Islamabad) 02 PDU(s)
- **Introduction to Project Management** By SYSCOMP International (PMI-REP Islamabad) 06 PDU(s)

- Attended workshop on “**Multi Agent Systems and Grid Technologies**” on November 30, 2004 held at Higher Education Commission, Pakistan.
- Successfully organized an International Workshop on “**Working With Industry**” in collaboration with University of the West of England (UWE) and other Asia Link partners

PERSONAL INTERESTS

- Enjoy social gatherings, music, traveling, playing Snooker and Swimming

PERSONAL INFORMATION

Name:	Nauman A. Qureshi
Father's Name:	Muhammad Ayub Qureshi
Marital Status:	Single
DOB:	January 20, 1980
Email:	qureshi@fbk.eu ; nauman.kureshi@gmail.com