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Muhammad Ahmad Ghazali

Teaching Experience	Feb. 2009 – to date · · · · · PUCIT, University of the Punjab, Lahore.

Assistant Professor

- Courses taught include: Data Structures & Algorithms (Course and Lab), Object-Oriented Programming (Course and Lab), Analysis of Algorithms, Introduction to Computing, and Programming Fundamentals (Course and Lab)
- Faculty Advisor, PUCIT Computer Society (May 2010 – to date)
- Member, PUCIT Admission Committee (2010 – to date)
- Member, PUCIT Migration Committee (2011 – to date)

Education	Aug. 2010 – to date · · · · · PUCIT, University of the Punjab, Lahore.

PhD (Computer Science)

- Qualifying examination passed

Aug. 2002 – May 2004 · · · · · FAST – National University, Lahore.

MS (Computer Science) – equivalent to M.Phil.

- Awarded "Dr. Mahbub-ul-Haq **Silver Medal**" on securing 2nd position in batch
- CGPA = 3.63
- Specialization in Software Engineering
- Thesis title: Design and Evaluation of a new technique for Object to Relational Mapping

Jan. 1999 – May 2003 · · · · · FAST – National University, Lahore.

BS (Computer Science)

- Named to the deans' list for two semesters (Fall 2000 and Spring 2001)
- CGPA = 3.45

Research Experience	Oct. 2002 – Sep. 2004 · · · · · FAST – National University, Lahore.

Research Officer

Worked at the newly established Software Engineering Research Center (SERC). Job responsibilities included:

- Conducting research on areas related to software engineering
- Coordinating and providing technical assistance in an undergraduate final year project
- Arranging and managing different activities of the research center

Publications	A. Wali, **M.A. Ghazali**, S.R. Ayyubi, "Comparative Analysis of Mobile IP and HAWAII", In *Springer-Verlag Communications in Computer and Information Science (CCIS)*, Vol. 20, December 2008.

A. Ahmad, **M.A. Ghazali**, "Documenting Requirements Traceability Information for Small Projects", In *proceedings of the 11th IEEE International Multitopic Conference (INMIC 2007)*, Lahore, Pakistan, December 2007.

U. Ahmad, **M.A. Ghazali**, "A Pattern Based Persistence Framework for Object Oriented Database Systems", In *proceedings of the 3rd Malaysian Software Engineering Conference (MySEC 2007)*, Selangor, Malaysia, December 2007.

F. Lodhi, **M.A. Ghazali**, "Design of a Simple and Effective Object-to-Relational Mapping Technique", In *proceedings of the 22nd Annual ACM Symposium on Applied Computing (SAC 2007)*, Seoul, South Korea, March 2007. (Citeseer impact factor: 0.31, Acceptance rate: 32%)

K. Hashmi, **M.A. Ghazali**, M.M. Saleem, "Replace Conditional with Polymorphism – A Formal Proof of Equivalence", In *proceedings of the 2nd Malaysian Software Engineering Conference (MySEC 2006)*, Kuala Lumpur, Malaysia, December 2006.

M.A. Ghazali, "Exploration of Unknown Graphs", In *proceedings of the 2nd All Pakistan Engineering Conference (APEC 2006)*, GIKI, Topi, Pakistan, November 2006.

M.A. Ghazali, "Random Access Machines and their Variations", In *proceedings of the 2nd All Pakistan Engineering Conference (APEC 2006)*, GIKI, Topi, Pakistan, November 2006.

M. Aurangzeb, **M.A. Ghazali**, F. Ahmed, F. Shaheen, "Prediction of Backward Branches by Pattern Detection", In *proceedings of the 9th IEEE International Multitopic Conference (INMIC 2005)*, Karachi, Pakistan, December 2005. (Acceptance rate: 40%)

F. Lodhi, **M.A. Ghazali**, "Improving Maintainability by Unifying the Object and Relational Models", In *proceedings of the 8th IEEE International Multitopic Conference (INMIC 2004)*, Lahore, Pakistan, December 2004. (Acceptance rate: 27%)

M.A. Ghazali, "Urdu Syllable Templates", *Akhbar-e-Urdu* (A journal of National Language Authority, Islamabad), April-May 2002.

M.I. Rafiq, A. Wali, **M.A. Ghazali**, S. Bashir, S. Hussain, A. Zia, A. Gulzar, M.S. Niaz, "Contextual Shape Analysis of Nastaleeq", *Akhbar-e-Urdu* (A journal of National Language Authority, Islamabad), April-May 2002.

A. Wali, A. Gulzar, A. Zia, **M.A. Ghazali**, M.I. Rafiq, M.S. Niaz, S. Hussain, S. Bashir, "Features of Noori Nastaleeq", *Akhbar-e-Urdu* (A journal of National Language Authority, Islamabad), April-May 2002.

Conference Presentations	S.M. Husnine, N. Wyne, **M.A. Ghazali**, M.M. Saleem, K. Hashmi, "Ramsey Numbers", Presented at the *Second World Conference on 21st Century Mathematics* held by School of Mathematical Sciences (SMS), Government College University (GCU), Lahore, Pakistan, March 2005.

M.I. Rafiq, **M.A. Ghazali**, S. Bashir, "Content-based Retrieval of Speech Data – An Approach", Poster presentation at *IEEE Students' Conference (ISCON 2002)*, Lahore, Pakistan, August 2002.