

IMRAN KHAN

RESEARCH INTEREST

Systems Engineering, Database Systems, Data warehousing, Data Science, Technology Entrepreneurship, Social Entrepreneurship, Islamic Entrepreneurship, Technology Incubation & Acceleration.

EXPERIENCE

June 2008 – Present

IBA, Karachi Pakistan

Assistant Professor – Faculty of Computer Science & Center for Entrepreneurial Development

- Research in the field of *Systems Engineering & Entrepreneurship*
- Teaching courses such as *Software Systems Engineering, Database Systems, Data warehousing, Technology Entrepreneurship, Information Systems Development* etc.
- Managing business incubation center and industry academia alliances
- Member of organizing committee, International Conference of Information and Communication Technology (ICICT'15)

August 2005 – May 2008

Diera Technology, Pakistan

CEO

- Software development and consulting company
- Web based and desktop application development

June 2002 – August 2005

Beaconhouse Informatics (Pvt.) Ltd.

Sr. lecturer

- Teaching and software projects management.
- Cooperate training

January 1998 – December 2000

Macrosoft Training Institute

Director

- Software training
- Oracle and Microsoft certification

August 2002 – June 2005

Visiting Faculty

- University of Karachi
- IoBM, Karachi
- Muhammad Ali Jinnah University, Karachi
- PAF-KIET, Karachi

PUBLICATION AND OTHER ACADEMIC RIGHTUPS

- Khan, Imran and Haider, Sajjad. “*On building a Consistent Framework for Executable Systems Architecture*”. Elsevier Inc., 2014, Journal of Systems & Software, 98, 2014, pp. 155-171.
- Khan, Imran and Haider, Sajjad. “*A Feasibility Study of the Ontology Driven Executable Systems Architecture Framework*”. IOS Press, 2014, Journal of Integrated Design and Process Science, 18 (3), 2014, pp. 41-58.
- Khan, Imran and Haider, Sajjad. “*Automatic generation of UML class diagram from OWL ontology using OntoUML*”. Keelung, 2010. 4th Asia-Pacific Conference on Systems Engineering (APCOSE 2010).
- Khan, Imran, “*Methodology for the development of Executable System Architecture*”. Islamabad : ACM, 2010. FIT’10.
- Khan, Imran and Touheed, Nasir. “*Physiology of Mobile Database*”, The Proceedings of the IADIS International Conference WWW/Internet 2004, Madrid, Spain 6-9 October 2004
- *Case Study*, “ERP at the Pakistan International Airlines (PIA): integrating business processes in a large scale organization”, 2008.

EDUCATION

2015	Institute of Business Administration (IBA) Ph.D., Computer Science
2005	SZABIST Karachi MSCS, Database Systems
2001	University of Karachi Master in Computer Science (MCS)
1999	University of Karachi Post Graduate Diploma(PGD), Computer & Information Science (CIS)
1996	University of Karachi Bachelor of Science (B.Sc.)

PROFESSIONAL CERTIFICATION

2003	Oracle 9i Database Administrator Associate Candidate Id #: SP2471941	
2015	<i>Executive Data Science Specialization</i> A Crash Course on Data Science Candidate Id#: coursera.org/verify/8YJ9EF945DPX	
2015	<i>Executive Data Science Specialization</i> Building a Data Science Team Candidate Id#: coursera.org/verify/TS8QJ6T5WZVT	
2015	<i>Executive Data Science Specialization</i> Managing Data Analysis Candidate Id#: coursera.org/verify/WVDB4L3M378M	
2015	<i>Executive Data Science Specialization</i> Data Science in Real Life Candidate Id#: coursera.org/verify/6EBAFVSELQCF	
2015	Vertica Essentials HP Software Education	
2016	<i>Leading People and Teams Specialization</i> Inspiring and Motivating Individuals Candidate Id#: coursera.org/verify/GPMG3WVSWZXE	
2016	<i>Data Science Specialization</i> The Data Scientist's Toolbox Candidate Id#: coursera.org/verify/PB4PQ3R62JFL	

MISCELLANEOUS AWARDS

- Winner of the Business Plan Competition 2007 held at IBA, Karachi, Pakistan
- Runners up TieCon 2007 (Business Plan Competition) held at Karachi, Pakistan.
- Head of the Jury, ProSoftCom '03 (*a country-wide programming competition held at University of Karachi*)
- Head of the Organizers, InfoSoftCom '04 (*An In-house Software Competition held at BIPL Park Towers*)

TOOLS USED

- Oracle Database ver 12c/11g/10g/9i/8i/8/7/6
- Oracle Warehouse Builder ver. 9i/10g/11g

- Oracle Forms
- Oracle Reports
- R-Studio
- Microsoft Visual Studio
- Petri Net Tools
- Protégé
- Eclipse
- ErWin & many more.