



Faculty Profile

Full Name: Salman Shah

Position/ Designation: Assistant Professor

Faculty/Department: FEPS/DCS

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Short Introduction

With more than 25 years of professional Software Development, Teaching, and Training experience in the domain of Computer Science, Mr. Salman specializes in the area of Software Engineering, Web Enablement and Project Management, focusing on analysis, design, development, and training of software systems. Salman has taught various courses related to both classical as well as state-of-the-art and cutting-edge technologies, especially from the industry giants like Microsoft and Google. He also enjoys active involvement and important roles played in academic administration.

Experience

Designation	Institute	No. of Years
Assistant Professor	Nazeer Hussain University, Karachi	2.6 years*
Assistant Professor	Hamdard Institute of Engineering & Technology, Hamdard University	9 years
Lecturer	Hamdard Institute of Engineering & Technology, Hamdard University	10 years and 8 months
Senior Software Engineer	KnowledgeBase Private Limited	4 months
Software Engineer	yEvolve Private Limited	10 months
Web Developer	GoldSoft Private Limited	9 months
Software Developer	Wise Solutions Private Limited	1.5 years



Educational Information

Ph.D. Computer Science (HPC and Data Science)	August 11, 2014-discontinued
Graduate School of Science and Engineering, PAF KIET, Karachi Pakistan	
Master of Arts in Islamic Studies	August 01, 2011 – June 30, 2014
University of Karachi, Karachi, Pakistan	
Master of Science in Information Technology	January 20, 2003 – June 03, 2011
Graduate School of Engineering Sciences & IT, Hamdard University, Karachi, Pakistan	
Bachelors of Computer Science	November 10, 1994 to February 20, 1998
FAST Institute of Computer Science, Karachi, Pakistan	

Achievements, Research/Publications

- Acquired Funds worth Rs.1 Million for HURC Research Project
- Acquired Funds worth Rs.600,000+ for ICT-RnD, NGIRI IGNITE FYPs
- Won 2nd Position in the 5th ALL PAKISTAN DICE HEALTH INNOVATION Project Competition 2019 and also in HUPEC 2020
- Web and Media Chair, HUPEC 2018, INMIC 2018, SCONEST 2017, HUPEC 2020
- Co-Pi of HURC funded Project "A Novel Transform-Domain Fuzzy Data Fusion Technique for Medical Image Enhancement"
- Cluster Lead, Data Analytics and Big Data Research Cluster, FEST, HURC, Hamdard University
- Patient Data Record Software – HCEM, Hamdard University
- Completion of 1 HURC,
- Supervised 3 ICT RND and 5 NGIRI IGNITE Funded Students Projects
- "First Web Developer", GoldSoft Private Limited
- Articles published by refereed journals.
 - Ghazala H. Rizwani, Salman Shah, M. Rafay Baig, "Survey and Assessment of Musculoskeletal Disorders (MSDs) Related to Computer Use in Subset of Karachi Population", Hamdard Medicus Journal, V61(1), pp. 14, Jan-Mar 2018.
- Papers published in refereed conference proceedings.
 - Adnan Siddiqui, Aqeel-ur-Rehman, Salman Shah, "Ontological model for Islamic Jurisprudence System", NACTICT'16", Bahria University, Karachi, Pakistan, 2016.
 - Prof. Dr. Sohail A. Sattar, Salman Shah, "Character Recognition of Arabic Script Languages", First Taibah University, Madinah Munawwarah, KSA International Conference on Computing & Information Technology, ICCIT2012, 12-14 March, 2012
- Completed and Patent registered on
 - 2017-20, A Novel Transform-Domain Fuzzy Data Fusion Technique for Medical Image Enhancement, HURC, Hamdard University, 1 Million PKR