

Dr. MASOOD UZZAFER

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EDUCATION

- PhD – University of Nottingham, UK, 2014.
Supervisor: Dr. Collin Higgins
Research topic: A simulation model for the strategic management of software projects.
- M.S. (Electrical) – Wayne State University, Detroit, Michigan, U.S.A., 1994.
- B.E. (Electrical) – N.E.D. University of Engineering & Technology, Karachi, Pakistan, 1991.
- Bachelor of Commerce and Business Administration – Karachi University, Karachi, Pakistan, 1989.

PROFESSIONAL EXPERIENCE

College of Engineering/IT, UAE University, U.A.E., 2004 – Present, Instructor,


Philips Semiconductors, San Jose, California, U.S.A., 1997 – 2004, Senior Software Engineer


AlliedSignal Aerospace, Radar Systems, Florida, U.S.A., 1995 – 1997, Engineer,


Wayne State University, 1993 – 1994, Research Assistant of Dr. Andrzej Olbrot,


PUBLICATIONS

Journals:

1. Uzzafer, Masood, [A Simulation Model for Strategic Management of Software Projects](#). Journal of System and Software, volume 86, issue 1, January 2013, pages 21–37. (impact factor: 1.135)
2. Uzzafer, Masood, [A Contingency Estimation Model for Software Projects](#). International Journal of Project Management, volume 31, issue 7, October 2013, pages 981–993. (impact factor: 1.68)
3. Uzzafer, Masood, [A Risk Classification Scheme for Software Projects](#), International Journal of Software Engineering and Its Applications, vol. 7, no. 1, 2013, pages 57-68.

4. Uzzafer, Masood, Measuring Risk of Software Projects. Working research article.
5. Uzzafer, Masood, Strategic Management of Software Projects: Risk, Cost, Contingency and Planning. Working research article.

Conferences:

1. Uzzafer, Masood, [A Novel Risk Assessment Model for Software Projects](#), International Conference on Computer and Management (CAMAN 2011), May 19-21, 2011, Wuhan, China, pages 1-5.
2. Uzzafer, Masood, [A Pitfall of Software Estimated Cost](#), Proceedings of IEEE International Conference on Information Management and Engineering, ICIME 2010, 16-18 April 2010, Chengdu, China, pages 578-582.
3. Uzzafer, Masood, [A Financial tool for Software Risk Measurement](#), International Conference on Information Science and Applications, ICISA 2010, 21-23 April, 2010, Seoul, Korea. ISBN: 978-1-4244-5941-4, pages 1-6.
4. Uzzafer, Masood, [A New Dimension in Software Risk Management](#), International Conference on Software Engineering and Technology, ICSET 2010, 28-30 April, 2010, Rome, Italy, issue 64, pages 340-344.
5. Uzzafer, Masood, [Financial Analysis Analogies for Software Projects](#), International Conference on Software and Data Engineering, ICSDE 2010, 24-26 February, 2010, Penang, Malaysia, issue 62, pages 453-456.
6. Uzzafer, Masood, [Single Correlator Reciver For Wideband Multi-path channles](#), Emerging Technologies: Frontiers of Mobile and Wireless Communication, 2004. Proceedings of the IEEE 6th Circuits and Systems Symposium, pages 421 – 424, Vol.2, 31 May – 2 June, 2004.

TECHICAL SKILLS

- Project Management: Microsoft Project 2000[®], 2007[®], 2010[®]
- Risk Management: Project Management Institute's Risk Management Model
Software Engineering Institute's Risk Management Model
Capability Maturity Model Risk Management Model
- Risk Measure Models: Expected Shortfall
Value-at Risk
- Contingency Modeling: Microsoft Project 2010[®]
- Decision Analysis: Decision Tree
Microsoft Excel[®]

- Risk Analysis: MATLAB[®]
Microsoft Excel[®]
- Simulation/Modeling: MATLAB[®]
Microsoft Excel[®]
Minitab[®]
- Computer: MS Office[®]
MS Visio[®]
MS Outlook[®]
MS Front Page[®]
MS-Access[®]
- Computer Languages: C, JAVA, J2ME, JAVA Script
- Routers: CISCO 2600, LINKSYS BEFSR41
- CMTS: CISCO uBR 7223-7246, Motorola BSR 1000, ARRIS 15000, CUDA 12000, RiverStones 8000
- Networking: TCP/IP, Ethernet 802.3, NAT, Firewall, DHCP, TFTP, FTP, Apache, Ethereal
- Wireless: CDMA, GPRS, Wireless LAN 802.11
- Technologies: Webservice, SOAP, XML
- OS: Windows (XP, 2000, 98), UNIX, RedHat Linux 8.0
- Assembly: DSP TMS320C2x, DSP AD21xx
- RTOS: pSOS, QNX
- Configuration: WinCVS, Continuous, CodeManager
- Scripts: TCL, UNIX C-shell, Batch files
- HW Tools: Cable TV Analyzer, SmartBits, SigTek RF Packet Sniffer, Tektronix Logic Analyzer, Agilent Digital Multi-Meter 34401A, Agilent Function Generator 33120, Agilent Oscilloscope 54622D, Agilent Power Supply E3631A, GW Instek Digital Multi-meter GDM-8200A, Tektronix Function Generator AFG3000, Tektronix Oscilloscope TDS2000, TTI Dual Power Supply PL303QMD
- SW Tools: WebSphere Device Developer (WSDD), Nokia Developers Suite, J2ME Wireless Toolkit, VisionClick, pRISM+, Understand, MGSoft MIB Browser
- Packages: MATLAB[®], National Instruments labview[®], UNIX Xview

PROFESSIONAL MEMBERSHIPS

- Project Management Institute (PMI)

- International Association of Risk and Compliance Professionals (IARCP)
- Professional Risk Managers' International Association (PRMIA)

WORKSHOPS/CONFERENCES

- Capability Maturity Model (CMM) workshop, Philips Semiconductor, March 2001
- Presentation Skills, IEEE workshop, University of Berkley, October 2003
- ISO 9001 Workshop, Internal Allied-Signal Aero-Space workshop, 1996
- Innovations in IT Technology, College of IT, UAE University, 2012
- Innovations in IT Technology, College of IT, UAE University, 2011
- Innovations in IT Technology, College of IT, UAE University, 2010
- Innovations in IT Technology, College of IT, UAE University, 2009
- Innovations in IT Technology, Dubai, 2008
- 7th International Defense Exhibition and Conference (IDEX), Abu Dhabi, February 2005
- Innovations in IT Technology, Dubai, 2005
- Road Safety Expo, Dubai Police Club, Dubai, December 2004
- IBM's workshop on Web Sphere Device Development (WSDD), April 2004
- IBM workshop on Web Sphere Application Developer (WSAD), September 2004
- Innovations in IT Technology, Dubai, 2004
- Capability Maturity Model (CMM) workshop, Philips Semiconductors, March 2001
- DSP Without Tears, White Mountain Workshop on DSP technology, 1997