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Education

Ph.D. Industrial Management (Expert systems/AI concentration). 1991 Clemson University. Clemson, SC. U.S.A

M.S Industrial Administration (MIS concentration). 1979 University of Dallas, Irving, TX. U.S.A

BS Industrial Management. 1976 University of Tehran. Iran

Academic/research Interests

Teaching interests are MIS/DSS/Expert Systems, Data mining/BI, Business analytics, Research Methodology, and Multivariate statistics. Research interests are to examine the applicability and inter-relationships of information systems and data mining techniques to improve operations/service management, and through knowledge engineering and discovery.

Book Chapter published

Chapter 22 of the following book is written by: Kin Gan, Zakiah Saleh, **and Massoud Abessi**

Book Title: *Enterprise Development in SMEs and Entrepreneurial Firms: Dynamic Processes By:* Nelson Oly Ndubisi:Griffith University, Australia; Sonny Nwankwo, University of East London, UK. Published in the United States of America by Business Science Reference (an imprint of IGI Global), Copyright c **2013** by IGI Global. ISBN 978-1-4666-2952-3 (hbk.) -- ISBN 978-1-4666-2953-0 (ebook) -- ISBN 978-1-4666-2954-7 (print & perpetual access) 1. Small business. 2. Entrepreneurship. I. Ndubisi, NelsonOly. II. Nwafonkwo, Sonny HD2341.E585 2013

Research Publications/Conferences

Mazaher Ghorbani and **Masoud Abessi, "A New Methodology for Mining Frequent Itemsets on Temporal Data"** Accepted for publication in IEEE TRANSACTIONS ON ENGINEERING MANAGEMENT **(2017).**

Zarabian, M., and **Masoud Abessi**, "**Ischemic Heart Patients' Length of Stay Estimation and Identifying its Influencing Factors Using Data Mining**". Iranian Journal of Health Information Management, 2017, 14(1):16-25.

Hatami, B., and **Masoud Abessi** (2017),"T**ext mining management content of published research articles**" (Farsi Language), Quarterly Journal of IT Management Studies, no.5, pp.161-191.

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acceptance and use of technology and entrepreneurial potential model" . **Social Technologies/Socialines Technologijos Journal,** Vol. 3, 2013.

Sasan Barak**, Masoud Abessi,** Mohammad Modarres "Fuzzy turnover rate chance constraints portfolio model Data mining approach", **European Journal of Operational Research. Jan 2013.**

George P**.** Moschis, Fon Sim Ong**, Masoud Abessi,** Takako Yamashita, Anil Mathur, (**2013**), "Cultural and sub- cultural differences in marketing data reliability: An empirical study in Japan and Malaysia", **Asia Pacific Journal of Marketing and Logistics**, Vol. 25 Iss: 1 pp. 34 - 47

Gan Kin, Zakiah Saleh**, Masoud Abessi**, " Intellectual capital disclosure in the context of corporate governance" **Int. J. Learning and Intellectual Capital,** Vol. 10, No. 1, 2013

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Conducted workshops-seminars

Advance regression techniques and SEM applications in data mining related dissertations. September 2009. Open University, Kuala Lumpur, Malaysia

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Yazd Electric Power Company

MIS based strategic planning. August 2005

Yazd Water Resource Company

MIS based strategic planning. September 2005

Ministry of Internal Affairs

Information Technology: new opportunities for female employment June, 2003

IRISA and Mobarekah Steel Manufacturing Co.,Isfahan

GURU knowledge discovery software adoption as an integrated intelligent software development tool in Steel industry", Fall 1997

Shahid Ghandi Fiber Optics Industrial Co

Contrasting views of information based leadership, August 1996

University of Yazd

Expert Systems applications in Industrial and Management Engineering, August 1995

University of Tehran

Expert Systems: A Methodological Approach to improve Management decision making process. Fall 1994.

PhD/Master Supervisor-co/supervisor

Yazd University

Elaha Hagigol: Data mining of abnormal information using Abnormality theory. Ph.D dissertation continues . 2015.

Fatemah Jiriani: Knowledge discovery based on regression classifier, Ongoing Ph.D. dissertation.

Ghorbani: Time stamped temporal data knowledge discovery using association rules. Ongoing Ph.D. dissertation.

Soleimani: Data mining and face based information knowledge. Ongoing Ph.D. dissertation

Tarbiat Modarres University:

 Izad Shenas, Digital monitoring/control on health insurance. Ongoing Ph.D. dissertation

University of Malaya

Moghavemmi: "Woman entrepreneurship and IT adoption process". PhD Dissertation co-sup, 2012

Gan Kin: "Corporate governance, ownership structure and intellectual capital disclosure: Evidence from Malaysia" Co-Sup

YAP KIEW HEONG: "INTERNET FINANCIAL REPORTING BY MALAYSIA LISTED COMPANIES". Co-Sup

University of Tehran

Akhavan Alavi: "Measuring Strategic planning performance using Data Envelopment Analysis (DEA)". PhD Dissertation, Completed June 2005. SUP

Ansari: "Modeling MIS based Auditing systems Application inIslamic Bank Loan Systems". PhD Dissertation, Completed June 2004. SUP

Movahedi: "Modeling Organization Cultural Barriers to the Implementation of Information Technology". PhD Dissertation, Completed August, 2003. SUP

Hassanzadah Karimabadi: "An integrative Approach (CSF, AHP, GA) to determine Strategic Information Systems Units in an Organization". Ph.D. Dissertation, Completed Feb, 2002. SUP

Hooshang Eslami: DSS model for earth moving machinery maintenance Management. Feb., 2001. U. of Tehran

Supervision and committee member of more than 15 Master thesis

Academic Experiences

Trabiat Modares University: Head, Center for knowledge management & business intelligence, 2016-present time.

Yazd University: Professor of industrial engineering. Teaching analytics and related subjects, data mining & BI, multivariate statistics, simulation, 1991- 2017.

Tarbiat Modaress University: Visiting Professor of Economics of Information/Data , IT department June 2016-Present

University Malaya: Professor of management information systems, school of business. 2006-2009. Kuala Lumpur, Malaysia

University of Tehran: Visiting assistant professor of expert systems, variability theory, advance multivariate statistics, and research methodology, School of management, 1996-2000. Tehran

University of Scranton: Assistant professor, Pennsylvania, U.S.A. 1989-1991

Clemson University: Graduate teaching assistant/research: College of commerce & Industry. 1985-1989. Clemson, U.S.A

Consulting Experiences:

Iran Social security (**Sazman Bimah Salamat**), Tehran, Iran. CEO data mining and analytic consultant. August 2014- Present.

Tejarat Bank Holding Company. Tehran. Iran. Managing Director Business intelligence (BI) research consultant. June 2015- Nov 2016.

Owj aviation refueling company, Tehran, Iran. Managing Director competitive strategic planning consultant. July 2015- March 2016.

Eghtesad Novin Bank: CEO Data Mining & strategic planning consultant, April -November 2013.

Sazman Tamin Egtemaei- Khadamat Tamin. CEO BI & IT strategic planning consultant. April- Dec. 2013

Markaz Tejarat Electronic Iran: VP Data Mining and BI consultant. August 2013- March 2015

University Malaya: Cognitive Barriers to Information Flow". Oct. 2007- 2009 Research grant

University Malaya: Shopping mall Clustering based on Consumer behavior. 2007-2009.

From 2002-2006:

Ministry of commerce: What Managers Must Know In E-Business Environment?

Ministry of commerce Cultural barriers to E-Commerce Deployments in Iran,

Ministry of commerce: Ministry of commerce: Fund Transfer Systems and Banking Structural Problems in E-commerce.

Ministry of commerce: Tariff Structural barriers in E-Business Development in Iran.

Ministry of commerce: Insurance Systems Infrastructure in Iran and Its Impact on E-Commerce development.

MAGFA (Center for IT Development) IT senior research consultant responsible for identifying potential competitive advantages for private sector (domestic or foreign) to Invest in Kharazmi IT park to be established in Tehran. June, 2003- 2004

Business Research Center, Tehran. Consultant: E-commerce consultant for a State supported institution responsible for customizing and expanding e-commerce activities in Iran. I have also been a member of few committees directing the e-commerce movements in Iran. 1999 – 2002

Industrial experiences:

Behin Parvar Istais, chocolate Manufacturing company, Yazd: Managing Director and board of directors member . March 2001-2006.

Alloyed Steel Project, Yazd. 2001-2004

VP and head director of MIS & Automation Department:

Acting head and consultant for a department which was in charge of designing and implementing MIS systems solutions. The department was also responsible for installation of five level LAN based networks using different network protocols including TCP/IP. The mission was defined as to automate the entire operations of the plant. Fifty-nine highly educated personnel were managed to be prepared for operating nearly 50 Million Dollars' project.

References:

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