Curriculum vitae

Mehrshad Mokhtaran M.D.

Medical Doctor
Master of Management of Medical Information Technology
Medical Informatics PhD

Personal Information

- **First name:** *Mehrshad*
- **Last name:** *Mokhtaran*
- **Birth date:** *1976*
- **Gender:** *Male*

Educational Background

- **Ph.D. Candidate** *Health Technology, Bioengineering and Bioinformatics, University of Pavia, Italy, since 2018.*

- **Ph.D.** *Medical Informatics, Tehran University of Medical Science, IRAN, 2017.*

- **M.S.** *Medical Informatics Management, Amirkabir University of Technology (Polytechnic of Tehran), IRAN, 2007.*

- **M.D.** *Medical Doctor, Tehran University of Medical Science, IRAN, 2002.*

Publications

- *Zakerabasali S, Safdari R, Kadivar M, Rostam Niakan Kalhori S, Mokhtaran M, Karbasi Z, Sayarifard A, Abhari S, Neonatal abstinence syndrome: a systematic review of current databases and registries, The Journal of Maternal-Fetal & Neonatal Medicine, 2019, doi: 10.1080/14767058.2019.1618827.*

- *Arji G, Safdari R, Rezaeizadeh H, Abbassian A, Mokhtaran M, Ayati M, A systematic literature review and classification of knowledge discovery in traditional medicine, Computer Methods and Programs in Biomedicine, 2018 Oct 27.*

- *Safdari R, Jafarpour M, Mokhtaran M, Naderi N. Designing and Implementation of a Heart Failure Telemonitoring System. Acta Informatica Medica. 25. 156. 10.5455/aim.2017.25.156-162.*

- *Azadmanjir Z, Safdari R, Ghazisaeedi M, Mokhtaran M, Kameli M.E, A Three-Phase Decision Model of Computer-Aided Coding for the Iranian Classification of Health Interventions (IRCHI), Acta Informatica Medica. 2017 JUN; 25(2): 88-9*

- *Tahmasebian S, Ghazisaeedi M, Langarizadeh M, Mokhtaran M, Mahdavi-Mazdeh M, Javadian P. Applying data mining techniques to determine important parameters in*

chronic kidney disease and the relations of these parameters to each other. Journal of Renal Injury Prevention. 2017 Jun;6(2).

- *Safdari R, Mokhtaran M, Tahmasebian S. Designing and Implementation of Retina Image Drawing System and Automatic Report Generation from Retina Examinations. Acta Informatica Medica. 2016 Oct;24(5):308.*

- *Designing and implementation of heart failure telemonitoring system in Iran, Herat Failure Congress, Florence, Italy, 2016.*

- *Yarmahmoodi M, Arabalibeik H, Mokhtaran M, Shojaei A. Intraocular Lens Power Formula Selection Using Support Vector Machines. Frontiers in Biomedical Technologies. 2015 Nov 9;2(1):36-44.*

- *Saeidi MG, Langarizadeh M, Mokhtaran M, Hasani Z. Modeling of breast cancer risk using Bayesian networks. Iranian Journal of Medical Informatics. 2015 Sep 15;4(3).*

Projects and Researches

- *Designing & Developing Virtual Faculty, A Pilot of Virtual World Project Based on OpenSimulator Framework, Tehran University Of Medical Science, Tehran, IRAN, 2010*

- *Designing & Developing Off Campus Scientific Resources Access System, RayanPajouh Co., Tehran, IRAN, 2010*

- *Designing & Developing SAML-Based Authentication Server And Identification Provider System, RayanPajouh Co., Tehran, IRAN, 2010*

- *Designing & Developing Interactive Online Content Learning Management System: Design & Developing, Tehran University of Medical Science, Tehran, IRAN, 2010*

- *Genetic Algorithm Based Patient Scheduling: Designing & Developing, Biomedical Engineering Department, Amirkabir University of Technology (Polytechnic of Tehran), Tehran, IRAN, 2007 (M.S. Thesis).*

- *Database For Geographical Distribution Of Allergen Plants In Iran, Database and Software Designer, Asthma and Allergy Research Center, Pediatric Center Hospital, Tehran, IRAN, 2005.*

- *Designing & Developing Rayavaran Laboratory Information System, Rayavaran Co., Tehran, IRAN, 2003*

- *Designing & Developing Clinical Laboratory Quality Control System, Rayavaran Co., Tehran, IRAN, 2003*

- *Designing Rayavaran Hospital Information System, Rayavaran Co., Tehran, IRAN, 2000-2010.*

- *Designing and Developing Patient Record Database, Orthopedic Surgery Department, Imam Khomeini Hospital, Tehran, IRAN, 2002 (M.D. Thesis).*

- *Acute Myelocytic Leukemia Registry, Hematology and Oncology Department, Imam Khomeini Hospital, Tehran, IRAN, 1997*

Teaching Experience

- *.Net Programming, Masters Level, Tehran University of Medical Science, Tehran, IRAN, 2015 up to now.*

- *Information Technology in Health, Masters Level, Virtual Faculty, Tehran University of Medical Science, Tehran, IRAN, 2014 up to now.*

- *Medical Informatics, Masters Level, School of Allied Medical Sciences, Tehran University of Medical Science, Tehran, IRAN, 2015 up to now.*

- *Database, Masters Level, Amirkabir University of Technology (Polytechnic of Tehran), Tehran, IRAN, 2007-2011.*

- *Health Information System, Masters Level, Amirkabir University of Technology (Polytechnic of Tehran), Tehran, IRAN, 2007-2011.*

Positions

- *Assistant Professor, eHealth Department, Virtual Faculty, Tehran University of Medical Science, Tehran, IRAN, 2017 up to now.*

- *Vice-Chancellor of Research, Virtual Faculty, Tehran University of Medical Science, Tehran, IRAN, 2017 up to now.*

- *Visiting Researcher, Biomedical Informatics Department, University of Pavia, Pavia, Italy, 2015.*

- *Directing Manager, Rayavaran Co., Tehran, IRAN, 2014-2017.*

- *Chairman of the Board, RayanPajouh Co., Tehran, IRAN, 2014-2017.*

- *Development & Technology Management Consultant, Rayavaran Co., Tehran, IRAN, 2009-2014.*

- *Chief Executive Officer, RayanPajouh Co., Tehran, IRAN, 2007-2014.*

- *Information Technology Consultant, Virtual Faculty, Tehran University of Medical Science, Tehran, IRAN, 2014-2016.*

- *Information Technology Consultant, Medical Council, Tehran, IRAN, 2009-2010.*

- *Project Manager, Health Information Model and Archetype Designing Project, Ministry of Health and Medical Education, Tehran, IRAN, 2009.*

- *Technical Manager and Consultant, Social Security Organization Health Card Project, Tehran, IRAN, 2009.*

- *Technical Manager and Consultant, Ministry of Petroleum Health Card Pilot Project, Tehran, IRAN, 2008.*

- *Development Manager, Rayavaran Co. Tehran, IRAN, 2008-2009.*

- *Development & Technology Management Consultant, Rayavaran Co., Tehran IRAN, 2006-2008.*

- *Development Manager, Rayavaran Co. Tehran, IRAN, 2004-2006.*

- *Health & Hospital Information Systems Designer, Rayavaran Co., Tehran, IRAN, 2000-2009.*

- *Senior Programmer, Rayavaran Co., Tehran, IRAN, 2000-2004.*

- *Research Fellow at Hematology and Oncology and Bone marrow Transplantation Research Center, Shariati Hospital, Tehran, IRAN, 1997- 2000.*

Memberships

- *Institute of Standard and Industrial Research of IRAN (ISIRI), Technical Committee 215 (TC215) Health Informatics, Workgroup 1 (Data Structure), Tehran, IRAN, 2009-2011.*

- *Institute of Standard and Industrial Research of IRAN (ISIRI), Technical Committee 215 (TC215) Health Informatics, Workgroup 2 (Data Interchange), Tehran, IRAN, 2009-2011.*

- *Institute of Standard and Industrial Research of IRAN (ISIRI), Technical Committee 215 (TC215) Health Informatics, Workgroup 5 (Health Cards), Tehran, IRAN, 2009-2011.*

- *Neurophysiology Group, Biomedical Engineering Department, Amirkabir University of Technology (Polytechnic of Tehran), IRAN, 2005 -2006.*

- *Medical Council of IRAN, 2002 up to now.*

Courses

- *Advanced Qualification Course in Telemedicine and Telepharmacy, School of Medicinal Sciences and Health Products, University of Camerino, Italy, 2018*

- *Software Engineering and Project Management Crash Course, Informatics Companies Association, Tehran, IRAN, 2005*

- *VB.net and Web Services, Infotek Co., Tehran, IRAN, 2005*

- *Systems Dynamic, National Research Center of Medical Sciences, Tehran, IRAN, 2003.*

- *Research Methodology and Biostatistics, Hematology and Oncology and Bone marrow Transplantation Research Center, Shariati hospital, Tehran, IRAN,1998*

- *Workshop on Principles of Research Methodology and Biostatistics, Students Research Center, Tehran University of Medical Sciences, Tehran, IRAN, 1996*

Expertise in Computer Programming and Software:

- *Expert In Object Oriented Designing & Implementation*

- *Expert In C# and Microsoft Visual Basic .Net (Win Forms, Web Forms, MVC, ASP.Net, AJAX, Web Service, Web API, Cryptography, ...)*

- *Expert In Database Designing & Implementation*

- *Expert In TSQL, MS SQL Server, MySQL*

- *Expert In Software Architecture Designing*

- *Expert In OLAP & Multidimensional Database Model & Data Mining*

- *Expert In HTML and DHTML*

- *Expert In XML, XSL, XPath, XSD, JSON*

- *Expert In UML*

- *Experienced In MATLAB Programming*

- *Experienced In R Statistical Language*

- *Experienced In Python Language*

- *Expert In Microsoft Office*

Interesting Field:

- *TeleHealth & Home Telemonitoring*

- *Clinical Registries.*

- *Health & Hospital Information Systems.*

- *Electronic Health Records (EHR) & Electronic Medical Records (EMR).*

- *Data Warehouse and Data Mining.*

- *Artificial Intelligent (Genetic Algorithms, Bayesian Probability, Artificial Neural) Networks.)*

- *Management of Technology.*

Languages:

- *Native in Farsi (Persian)*

- *Good in English*

- *Second Level Beginner (A2) in Italian*

- *Beginner in Arabic*

Contact Information:

- *Telephone: + 98 21 44966915*
- *Cell Phone: +98 912 1350197, +39 327 5953250*
- *Fax: + 98 21 44966935*
- *Email: mehrshad.mokhtaran@gmail.com*

- *Address 1: No 7, North Arshad Av., Jahanara St., Yousefabad, Tehran, IRAN*
- *Address 2: Laboratorio di Informatica Biomedical, Dip. Ingegneria Industriale e dell' Informatica, Universita di Pavia, Via Ferrata 5, 27100 PV, Pavia, Italy*

Last Updated: July, 2019