

Mehdi Javanmard

Scientific Position:

University Professor (Computer and Electrical Engineering)

Address:

Payame Noor University- Nakhli Ave.- Artesh Highway-Tehran-Iran

Phone:

+989122069924

Email:

info@javanmard.com

Personal Webpage:

www.javanmard.com

Education

Academic:

Ph.D.: Electrical Engineering (Image Processing), Queen's University, Canada

M.Sc.E.: Electrical Engineering (Special Software), University of New Brunswick, Canada

B.Sc.: Electrical Engineering, Amirkabir University of Technology, Tehran, Iran

Workshop Training:

Participation in International and Local training courses such as Technology Prospection and Forecasting, Ethics and Technology, Idea Management

Responsibilities

1. Planning IT department (Information Technology), ICT and Management Services Co. of Islamic Republic of Iran's Railway (2000-2001)
2. Management and Planning IT department, Tehran Technical and Vocational Training Organization (2000-2001)
3. Justice Official Expert (2006-)
4. Head of Inter Islamic Network on Virtual Universities (CINVU), Tehran, Iran (2010-)
5. Representative of Farhikhtegan'e Mosalman Association with special consultative status to ECOSOC, UN. (2018-)

Research Interests

- Ethics & Technology, Soft Power
- Information & Community Security
- Security and Smart Power

- Urban Management & ICT
- Forecasting and Management of Technology
- Productivity and Value Engineering
- Software for Persons with Disabilities
- Ultrasound Medical Imaging
- Speech Recognition and Intelligent Acoustic Sensors
-

Courses Taught

Ph.D. Level:

- Ultrasound Physics
- Sound Imaging

MS. Level:

- Operating system
- Software Engineering
- Information Theory
- Digital Telecommunication
- C4I
- Data and Code Security
- Statistics and Probability (SPSS)
- Computer Systems Performance Evaluation and Prediction ...
- Cloud computing
- Image processing

BS. Level:

- Logical Circuits
- IT management
- Operating system
- Electrical Circuits
- Electronics Circuits
- Engineering Mathematics
- Computer Architecture
- Software engineering

Specialized Experiences

1. Manager of “*electronics and circuits*” lab, Amirkabir University of Technology-Tehran-Iran (1985-1987)

2. Designing and executing “*Ultrasound*” lab, Milton, Canada (1995-1998)
3. Editor of the scientific and research issue of Jahad Daneshgahi’s electronic research center (1998-2000)
4. Executor and manager of “*Design and Construction of Ultrasound Simulation System with Wave Aspect for Medical Diagnoses*” project, Tehran, Ministry of Industries and Mines (1998-2006)
5. Executor and manager of “*Developing Standards for Medical Engineering’s Equipment and Services*” project, Tehran, Institute of Standard and Industrial Research of Iran (ISIRI) (1999)
6. Project manager of “*Designing Optical Systems’ Analysis Software*”, Tehran, Ministry of Industries and Mines (1999)
7. Executor and manager of “*Identifying New Educational Majors Based On Modern Technologies*” project, Tehran Technical and Vocational Training Organization (2000-2001)
8. Executor and manager of “*Surveying How to Synchronize Curriculum with Modern Technologies of Each Major*” project, Tehran Technical and Vocational Training Organization (2000-2001)
9. Concessionaire and responsible manager of “*Electrical and Computer Engineering*” Technical Journal (2000-2001)

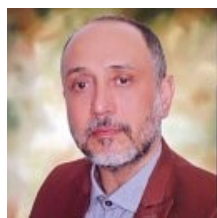
Technical Experiences

- Programming in:
 - Basic
 - Fortran
 - Mathcad
 - Image Processing Analytical Language

Affiliations

- Holder of Iron Ring from Canadian Engineering Association
- Member of Canadian Acoustical Association
- Student member of IEEE
- Member of Tehran’s Civil Engineering System (2007-)

Selected Publications and Articles



Mehdi JavanMard

Assistant Professor of Electrical and
Computer Engineering,
Payam Nour University
(PNU)

ETHICS AND TECHNOLOGY
INFORMATION AND COMMUNICATION ...
GEOPHYSICAL SIGNAL PROCESSING
PRODUCTIVITY AND VALUE ENGINEE...
ULTRASOUND MEDICAL IMAGING

	All	Since 2014
Citations	76	65
h-index	4	4
i10-index	1	1

TITLE	CITED BY	YEAR
RSDC (reliable scheduling distributed in cloud computing) AG Delavar, M Javanmard, MB Shabestari, MK Talebi International Journal of Computer Science, Engineering and Applications 2 (3), 1	37	2012
A novel image encryption scheme based on hyper chaotic systems and fuzzy cellular automata S Zamani, M Javanmard, N Jafarzadeh, M Zamani 2014 22nd Iranian Conference on Electrical Engineering (ICEE), 1136-1141	8	2014
The Survey on the Bacterial Contamination of Traditional & Pasteurized ice Cream Produced in Arak City (summer and fall 2011) M Rezaei, M Parviz, MR Javanmard TOLOO-E-BEHDASHT 13 (345), 21-30	7	2014
Comparison between Agile and Traditional software development methodologies M JAVANMARD, M ALIAN Cumhuriyet Üniversitesi Fen-Edebiyat Fakültesi Fen Bilimleri Dergisi 36 (3 ...	5	2015
Surveying the infrastructure and capabilities for knowledge management Implementation in Supply Chain F Karimi, M Javanmard JIM QUEST 10 (1), 75-82	4	2014
Application of Fuzzy AHP method for ranking the effective factors on the Internet shopping (Case study: Customers of the Androidiha website) E Hamidfarhani, M Kelarestaghi, M Javanmard Cumhuriyet Science Journal 36 (7), 40-54	3	2015
Using fuzzy logic (type II) in the intelligent ATMs' cash management M Zandevakili, M Javanmard International Research Journal of Applied and Basic Sciences 8 (10), 1516-1519	3	2014
Ultrasound image processing M Javanmard, MM Bayoumi Proceedings of 36th Midwest Symposium on Circuits and Systems, 100-102	3	1993
Assessment of the physicochemical quality of Iranian honey M Parviz, F Karimi, M Rezaei, MR Javanmard, M Javadzadeh, ...	2	2014

TITLE	CITED BY	YEAR
Quality Assurance and Safety of Crops & Foods 7 (5), 629-634		
Inverse problem approach to ultrasound imaging M Javanmard, MM Bayoumi 1995 IEEE International Conference on Systems, Man and Cybernetics ...	2	1995
The effect of data mining on expert systems used for improving efficiency of correct speech E-learning systems Z Sedighian, M Javanmard Advances in Natural and Applied Sciences 8 (10), 102-106	1	2014
Data mining based on intrusion detection system and attack ontologiess S Banaei, M Javanmard 2014 6th Conference on Information and Knowledge Technology (IKT), 32-32	1	2014
A New Method of Scheduling Tasks in Cloud Computing S Moazemi, M Javanmard Revista Publicando 5 (16 (2)), 227-245		2018
Using Sensor Pattern Noise for Camera Identification M Javanmard, R Refayen International Journal of Computer Science and Information Security 15 (1), 163		2017
An Approach to Improve Forecasting Cash Demand at ATMs Using Fuzzy Logic M Javanmard International Journal of Computer Science and Information Security 14 (11), 404		2016
REVIEW ON CLOUD COMPUTING AND ITS AUDIT ISSUES RM SADEGHI, M JAVANMARD		2016
Information Technology (IT), the need to develop the knowledge-based society T Mohammadi, M Javanmard		2016
Taximeter Design Based on Digital Image Processing Approach MJ Assadifard, M Javanmard, MH Moazzam International Journal of Information and Electronics Engineering 4 (6), 409		2014
Determination of lead (II) ions in the Urmia well, river and drinking waters by a novel ion selective sensor based on new ionophore MT Vardini, M Javanmard		2014
DESIGN AND CONSTRUCTION OF LIQUID MEMBRANE SELECTIVE ELECTRODE BASED ON TAN (1-(2-THIAZOLYLAZO)-2-NAPHTHOL) FOR THE DETERMINATION OF PB 2+ IONS MT Vardini, M Javanmard		2014
Camera Identification Algorithm Based on Sensor Pattern Noise Using Wavelet Transform, SVD/PCA and SVM Classifier K Bolouri, M Javanmard, M Firouzmand		2013

TITLE	CITED BY	YEAR
JOURNAL OF INFORMATION SYSTEMS AND TELECOMMUNICATION (JIST) 1 (4), 233-237		
An Algorithm for Optimized Searching using NON-Overlapping Iterative Neighbor intervals EM Hanjani, M Javanmard arXiv preprint arXiv:1211.4370		2012
Inverse problem approach to ultrasound medical imaging. M Javanmard		1999
TI-Speech voice interactive system. M Javanmard		1992
Voice Control: Noise Performance Evaluation M Javanmard, MM Bayoumi		
Making the buildings intelligent, using the existing intextrna symmetrical pair telephone cables, with no need of the re cabling. R Sadegholvaadl, M Javanmard		
Ultrasound Image Processing M. Javanmard and M, M, Bayoumi M Javanmard, B M M		
Using Digital Image Processing Solutions For Offside Recognition, Insteadof Assistant Referees MJ Assadifard, M Javanmard		
The 6 th Conference on Information and Knowledge S Banaei		
Security in Wireless Sensor Networks M Javanmard		
A Hybrid Method for Automatic Text Summarization using Fuzzy Inference M Javanmard, H Samardar		
MEASURING THE DELAY IN CHANNEL SWITCHING AND ITS OPTIMIZATION IN IPTV NETWORKS BY PRE-JOINING METHOD OF TV CHANNELS Z Zandiabasabadi, M Javanmard		