mmnematollahi@gmail.com

MOHAMMAD MAHDI NEMATOLLAHI

PERSONAL INFORMATION

Languages: Persian (maternal), English (fluent), Arabic (basic)

Current Status: Phd. Candidate at Shahrood University of Technology, Senior Developer at Bayan

RESEARCH INTERESTS

Information Retrieval, Open Information Extraction, Question Answering, Recommendation System

Natural language Processing

Optimization, Operation Research

Machine Learning

Information Visualization

Game Theory

EDUCATION

Ph.D. in Artificial Intelligence, Shahrood University of Technology, Shahrood, Iran
2012-Present
Supervisor: Prof. O. Marouzi

M.Sc. in Artificial Intelligence, Shiraz University, Shiraz, Iran
2010-2012
Thesis: To Adapt Recommender Systems for Temporal User Preferences
Supervisor: Prof. A. Hamzeh, Prof. S. Hashemi

B.Sc. in Computer Software Engineering, Shiraz University, Shiraz, Iran
2005-2009
Project: Time Table Scheduling
Supervisor: Prof. K. Z

Diploma in Mathematics and Physics Discipline, Shahid Alireza Eskandari Highschool, Arsanjan, Iran
2001-2005

TEACHING EXPERIENCE

Operating Systems Concepts, Shahrood University of Technology, Shahrood, Iran (one semester)

Operation Research, Shahrood University of Technology, Shahrood, Iran (two semesters)

3th Workshop of Machine Vision, Optical Character Recognition, Shiraz University, Shiraz, Iran

4th Workshop of Machine Vision, Face Detection by OpenCV, Shiraz University, Shiraz, Iran

Computer Network Laboratory, Azad University, Arsanjan Branch, Arsanjan, Iran (one semester)

Advance Programming, Azad University, Arsanjan Branch, Arsanjan, Iran (one semester)

Fundamentals of Internet, Azad University, Arsanjan Branch, Arsanjan, Iran (one semester)

Fundamentals of Information Technology, Azad University, Arsanjan Branch, Arsanjan, Iran (one semester)

Computer Network, Azad University, Arsanjan Branch, Arsanjan, Iran (two semesters)

Data Structure, Azad University, Arsanjan Branch, Arsanjan, Iran (three semesters)

Teaching Assistant for Machine Learning, Shiraz University, Shiraz, Iran (two semesters)

Advance Excel, Mad Institute, Shiraz, Iran

Programming in Matlab, Basij of Shiraz University, Shiraz, Iran.

PUBLICATIONS

M.M.Nematollahi, H.Mahmoudi, B.Kazimipour, B.Salehi, **Class Dependent Dimensionality Reduction Persian Handwritten Digits**, 19th Iranian Conference on Electrical Engineering, ICEE 2011, Tehran, Iran, 2011. (in Persian)

M.Sahooli, S.Sabbaghi, M.M.Nematollahi, R.maleki, **Comparison Thermal Conductivity Prediction Using Several Models for Al2O3 Nano-Fluid**, journal of nanotechnology in engineering and medicine,2010.

M.Sahooli, S. Sabbaghi, R. Maleki, M. M. Nematollahi, **Thermal conductivity of Water-Based nanofluids: Prediction and comparison of models using machine learning**, International Journal of Nano Dimension (IJND), 2013.

S.Sabbaghi, R.Maleki, M.Shariaty-Niassar, M.M.Zerafat, M.M.Nematollahi. **Modeling of Chloride Ion Separation by Nanofiltration Using Machine Learning Techniques**. International Journal of Nanoscience and Nanotechnology 8, no. 4 (2012): 185-190.

M. Namazi, M. Kazemnejad, M.M. Nematollahi, **Comparing different feature selection and extraction methods in financial distress prediction: Empirical evidence from Iran**, Finance Investigation Magazine,2012

T.Ghasemi, M.M.Nematollahi, **A FAST MULTI-PART SNIPPET EXTRACTION ALGORITHM**, 3th Iranian Conference on Computational Linguistics, Tehran, Iran, 2014.

RESEARCH
EXPERIENCE

Information Retrieval
Recommendation System
Natural language Processing
Machine Learning
Image Processing

PROFESSIONAL
ACTIVITIES

Organizer, 4th Workshop of Machine Vision　　　　　　　Feb, 23-24, 2011
Face Understanding Using OpenCV, Shiraz University, Shiraz, Iran

Organizer, 3th Workshop of Machine Vision　　　　　　　Feb, 23-24, 2010
Optical Character Recognition, Shiraz University, Shiraz, Iran

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SELECTED TECHNICAL SKILLS & LANGUAGE	**Programming**: Python, Java, C#, C/C++, Matlab, Visual Basic **Shell Scripting**: Python, Bash, VBScript **Web Design**: HTML, JavaScript, CSS **JavaScript Libraries**: JQuery, Bootstrap, AngualrJS **Special Purpose Tools**: Weka, NLTK, GATE, OpenCV **Functional and logical Programming**: Haskel, Prolog and Scheme **DB**: PostgreSQL, SQL Server, MySQL, Microsoft Access, Mongo DB, redis **Revision Control System:** HG, GIT **Familiarity with Computer Networking Concepts**
PROFESSIONAL EXPERIENCES	**Online License Plate Recognition**, Traffic Control Center, Shiraz Municipality, Shiraz, Iran 2008-2010 **Integrated Management Information System using E-Form**, Fars Gas Company, Shiraz, 2007. **Mizzle E-Form Generator**, Fars Gas Company, Shiraz, 2007. **Intelligent Musical Fountain**, Minoosa company, Shiraz, 2010. **Intelligent Water Show**, Minoosa company, Shiraz, 2010. **Natural Language Processing Laboratory**, Bayan Rahbord Group, Tehran, 2013
MEMBERSHIPS	Member of Scientific Group of Computer Science & Engineering Department, Shiraz University, Shiraz, Iran 2005-2008 Member of Vision and Image Processing (VIP), Shiraz University, Shiraz, Iran 2008-2010
PERSONAL INTERESTS	Table Tennis, Foosball Table, Programming
REFERENCES	**PROFESSOR ZOHREH AZIMIFAR** Department of Computer Science & Engineering School of Electrical & Computer Engineering, Shiraz University, Shiraz, Iran Email: azimifar@cse.shirazu.ac.ir Tel: +98-711-613-3036 **PROFESSOR KOORUSH ZIARATI** Department of Computer Science & Engineering School of Electrical & Computer Engineering, Shiraz University, Shiraz, Iran Email: ziarati@shirazu.ac.ir Tel: +98-711-613-3166