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Rajab Ali Keshavarz Emami

Education

- **October 2011 – March 2016**
  Ph.D. Student in Computer Science, Computer Science Dept., *The University of Milan (UNIMI),* Milan, Italy.
  Thesis Title: "Computational Intelligence for Knowledge Extraction from Medical Data".

- **September 2004 – March 2008**
  M.Sc. in Computer Engineering (Software Engineering), Electrical & Computer Engineering Dept., *Qazvin Azad University (QIAU),* Qazvin, Iran.
  Thesis Title: "Development of Intelligent Data Mining Algorithms and its Application in Prediction".
  Thesis Score: 20 out of 20 (%100).

- **September 1994 – September 1999**
  B.Sc. Computer Engineering (Software Engineering), Electrical & Computer Engineering Dept., *Qazvin Azad University (QIAU),* Qazvin, Iran.
  Thesis Title: "Design and Implementation of a Computer Application for Customer Information of Qazvin Power Management Organization"
  Thesis Score: 17.75 out of 20 (%88)

Awards & Honors

- **Full PhD Scholarship** from Computer Science Department, The University of Milan, Italy.
- **Full grant** from ENNS (European Neural Network Society) for attending in NN2012 Summer School.
- **PhD internship** at INRIA in Sophia Antipolis, France.

Working Experiences

- **2005 – 2006**
  Programmer and System Designer in Kerman Advanced Science and Technology Centre, Kerman, Iran.
- **2006 – 2008**
  Participating as a Programmer and Software Designer of national Iranian Computer Aided Logistic System (CALS) in Ganjineh Rayaneh Company, Tehran, Iran.
- **2008 – October 2011**
  System Analyst and Software Engineer in Moshir Computer System Company, Tehran, Iran.

Teaching Experience

- **Lecturer:**
  - **Database Systems**, Qazvin Azad University, Iran.(Fall 2005 – Spring 2008)
  - **Software Engineering**, Qazvin Azad University, Iran. (Fall 2005 – Spring 2008)
  - **Algorithm Design and Analysis**, Qazvin Azad University, Iran. (Spring 2010 – Fall 2011)

Research Interests

- Data Mining, Pattern Recognition, System Identification and Predictive Modeling
- Machine Learning and Machine Vision

Publications

- **R. Keshavarz Emami**, and C. Lucas, "Extension of Locally Linear Model Tree Algorithm (LOLIMOT) Using a Fuzzy Validity Function Based on Ant Colony for Time Series Prediction". First Joint Congress on Fuzzy and Intelligent Systems (7th Iranian Conference on Fuzzy Systems; and 8th conference on intelligent Systems), Mashhad, Iran August 29- 31, 2007.

- **R. Keshavarz Emami**, and C. Lucas, and M.Yengimolki, "Extending a New Algorithm for Solar Activity Prediction in Space Weather Data Mining". First Iranian National DataMining Conference, Tehran, Iran November 6-8, 2007.

- **R. Keshavarz Emami** and M. Reyhani, "Design of an Expert Object Requisition System in Logistic Systems", First International Conference on Information Systems and Supply Chain Management, Tehran, Iran, 2008.

- M.R.Hojati, E.Elahifard, and **R. Keshavarz Emami,** "Estimation Equilibrium Moisture Content in Agriculture Products Using Neural Network Method", XXXIII CIOSTA Conference, Reggio Calabria, Italia, 17-19 June, 2009.

- **R. Keshavarz Emami**, Andrea G. B. Tetamanzi and Giorgio Valentini, "A Study of Generalization Capability of ANN and SVM for Epilepsy Seizure Prediction", IDA2015, Saint-Etienne, France, 22-24th October 2015.

Computer Skills

- Programming Languages: C, C++, C#.NET, Delphi.
- Good Knowledge in: Object Oriented Programming, Multi Layer and Service Oriented Software Architecture
- Simulation Tools: MATLAB
- Web Application Development Technology: ASP.NET, ASP, HTML, PHP
- Database Software: Microsoft SQL Server, MySQL, Oracle and familiar with XML language

Language Skills

- **English:** Read: fluently / Write: Good / Speak: Good
- **Farsi :** Native
- **Turkish**: Mother's Language
- **Arabic**: Familiar