

CURRICULUM VITAE

Toliat ,Amir

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| General | <ul style="list-style-type: none">- Name: Amir- Surname: Toliat- Date of Birth: 19.08.1981- Gender: male- Marital Status: married |
| Education | <ul style="list-style-type: none">- MS.c, Computer Engineering (Artificial Intelligence), Islamic Azad University-Mashhad Branch, Iran, Jan. 2007- Jan 2011 - BS.c, Computer Engineering(software),SajjAd University of Mashhad, Iran, Jan 2002- Jan 2004 |
| Research Interests | <ul style="list-style-type: none">- Data Mining- Image and Signal processing- Pattern Recognition- Neural Networks- Evolutionary Algorithms- Encryption- Biomedical |
| Projects were done during M.Sc | <ul style="list-style-type: none">- EVOLUTIONARY DESIGN OF DIGITAL CIRCUITS USING CHAOS-GENETICS OPTIMIZATION METHODS (M.Sc Thesis)- Statistical Model for Skin Detection in Color Images- An online system for Music symbols detection based on HMM- Neural Network and Statistical Methods Based on Vision for Face and Gender Analysis- Chaos and Image Encryption Tree using Max-Heap Function- A Fuzzy Knowledge-Base System- PNL-Enhanced restricted domain questions answering system- Generating an optimization kernel using GA in fuzzy NN based on SVM- dynamic inertia weight particle swarm optimization algorithm- Industrial Robot Static Balancing Optimization- |
| Special Experience in Computer Engineering; 2007-2010. | <ul style="list-style-type: none">- Programming workshops<ul style="list-style-type: none">• Matlab• c++• Delphi• Visual Basic• SQL server• Pascal- Networking- Robotics |
| Teaching Experience | <p><u>Fall 2011- summer 2013</u></p> <ul style="list-style-type: none">• Lecturer & Undergraduate Advisor, Department of Computer Engineering, University of Payamnoor at Mashhad, Courses thought: Computer Networks, Saving and Retrieving of Information, Computer Networks Lab, Data Base Lab. <p><u>Summer 2011</u></p> <ul style="list-style-type: none">• Lecturer, Department of Computer Engineering, Amin University of Mashhad, Courses thought: Artificial Intelligence, Computer Networks. <p><u>Fall 2010-Spring 2012</u></p> <ul style="list-style-type: none">• Lecturer& Undergraduate Advisor, Agricultural Jihad University, Courses thought: Internet engineering Network programming. |

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| | <p><u>2009- 2012</u></p> <ul style="list-style-type: none">• Lecturer, Business Room of Mashhad University, Courses thought: Application of computer in management, Application of computer in accounting, Application of computer in business, Applied software, Networking, Digital libraries design, Software projects. <p><u>2009- 2010</u></p> <ul style="list-style-type: none">• Lecturer, Industrial and Mining Academic School, Courses thought: Artificial Intelligence. <p><u>2008- 2009</u></p> <ul style="list-style-type: none">• Lecturer, Iranian Industrial Research and Educating Center, Courses thought: Artificial Intelligence. <p><u>2007- 2009</u></p> <ul style="list-style-type: none">• Lecturer, Sama Junior College, Application of computer in accounting, Computer basics and programming, Visualbasics programming. |
| Publications | <p>Journal paper:</p> <ol style="list-style-type: none">1. Amir.MToliyat.A, Mahdi Yaghubi. A new method for optimization of Digital Circuit Using Genetic Algorithm with Chaos functions .applied soft computing, International Journal of Advanced Computing (IJAC), ISSN : 0975-7686, India, 2014 <p>Conference Papers:</p> <ol style="list-style-type: none">1. Amir.MToliyat.A, Mehdi Yaghoobi.Stock Price Forecasting Using PSOSVM. 3rd International Conference on Advanced Computer Theory and Engineering (ICACTE), China, 20102. HosseinPazhoumand, Amir.MToliyat.A, EhsanSaeedi.Object Speed Estimation by using Fuzzy Set. World Academy of Science, Engineering and Technology 64 . Italy, 20103. Maryam Vatankhah, Amir.MToliyat.A, Pain level measurement using Discrete Wavelet Transform, 4th International Conference on Computer Engineering and Bioinformatics (ICCEB 2015) USA, 20154. Amir.MToliyat.A, Maryam Vatankhah. A new method for optimization of Digital Circuit Using Genetic Algorithm with Chaos functions, 4th international conference on signal acquisition and processing, Cambodia, 2012. |
| References | <ul style="list-style-type: none">- Dr Mehdi Yaghoobi (Yaghoobi@mshdiau.ac.ir) Professor, Departments of Computer Engineering, Islamic Azad University of Mashhad- Dr Saeed Toosizadeh(s.toosi@hotmail.com, s.toosi@mshdiau.ac.ir) Professor, Departments of Electrical Engineering, Islamic Azad University of Mashhad- Dr Mir Mohsen Pedram (pedram@tmu.ac.ir) Professor, Departments Electrical Engineering, Kharazmi University , Tehran- Dr.Ali Vedavarz (av820@nyu.edu) Professor, Department of Mechanical Engineering, NYU university, New York- Dr. Gabor Herman(gabortherman@yahoo.com) Professor, Department of Computer Science, The Graduate Center of the City University of New York |