

# CURRICULUM VITAE

**Toliyat ,Amir**

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

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	<p><b><u>2009- 2012</u></b></p> <ul style="list-style-type: none"><li>• <b>Lecturer</b>, 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.</li></ul> <p><b><u>2009- 2010</u></b></p> <ul style="list-style-type: none"><li>• <b>Lecturer</b>, Industrial and Mining Academic School, Courses thought: Artificial Intelligence.</li></ul> <p><b><u>2008- 2009</u></b></p> <ul style="list-style-type: none"><li>• <b>Lecturer</b>, Iranian Industrial Research and Educating Center, Courses thought: Artificial Intelligence.</li></ul> <p><b><u>2007- 2009</u></b></p> <ul style="list-style-type: none"><li>• <b>Lecturer</b>, Sama Junior College, Application of computer in accounting, Computer basics and programming, Visualbasics programming.</li></ul>
<b>Publications</b>	<p><b>Submitted Journal papers:</b></p> <ol style="list-style-type: none"><li>1. <b>Amir.MToliyat.A</b>, Maryam Vatankhah. A new method for optimization of Digital Circuit Using Genetic Algorithm with Chaos functions .applied soft computing.</li></ol> <p><b>Conference Papers:</b></p> <ol style="list-style-type: none"><li>1. <b>Amir.MToliyat.A</b>, Mehdi Yaghoobi.Stock Price Forecasting Using PSOSVM. 3rd International Conference on Advanced Computer Theory and Engineering (ICACTE), China, 2010</li><li>2. HosseinPazhoumand, <b>Amir.MToliyat.A</b>, EhsanSaeedi.Object Speed Estimation by using Fuzzy Set. World Academy of Science, Engineering and Technology 64 . Italy, 2010</li><li>3. Maryam Vatankhah, <b>Amir.MToliyat.A</b>. Classification of Cognitive Human Pain Based on Hybrid ANFIS –SVM. 4th international conference on signal acquisition and processing, Cambodia, 2012</li><li>4. <b>Amir.MToliyat.A</b>, 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.</li></ol>
<b>References</b>	<ul style="list-style-type: none"><li>- <b>Dr Mehdi Yaghoobi (Yaghoobi@mshdiau.ac.ir)</b> Professor, Departments of Computer Engineering, Islamic Azad University of Mashhad</li><li>- <b>Dr Saeed Toosizadeh( s.toosi@hotmail.com, s.toosi@mshdiau.ac.ir)</b> Professor, Departments of Electrical Engineering, Islamic Azad University of Mashhad</li><li>- <b>Dr Mir Mohsen Pedram (pedram@tmu.ac.ir)</b> Professor, Departments Electrical Engineering, Kharazmi University , Tehran</li></ul>