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Updated 10 April 2003

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Objective	<i>To Pursue Graduate Studies in Artificial Intelligence</i>
Education	Fall 01-expected Spring 03 Sharif University of Technology Tehran, Iran Graduate Student in Artificial Intelligence <ul style="list-style-type: none">• Current GPA: <u>16.23</u> (16.77 in Major Courses) out of 20. 1997-2001 Sharif University of Technology Tehran, Iran B.Sc. in Software Engineering <ul style="list-style-type: none">• GPA: <u>16.13</u> (16.7 in CS Courses) out of 20.
Honors	(Jun. 2002) Grant from Iran Ministry of Industry , for Successful Participation (together with SharifCE team) in the 6 th International RoboCup Middle-Size League held in Fukuoka, Japan. (Sep. 2001) Nationwide, each year, about <u>3,000</u> students take the special entrance examination for graduate studies in computer science and engineering and only about <u>150</u> students are accepted. I ranked <u>19th</u> in this exam. (Sep. 1997) In Iran, each year, about <u>300,000</u> students take the global entrance examination for universities and about <u>20,000</u> students are accepted. I ranked among <u>the first two hundreds'</u> in this exam.
Publications and Presentations	M. Jamzad, A. Keighobadi, Towards an Intelligent Vision System With Variable Illumination in RoboCup , submitted to The 2003 International RoboCup Symposium . M. Jamzad, A. Keighobadi, Towards an Intelligent Vision System for Mobile Robots in RoboCup Environment , to appear in the proceedings of The 2003 IEEE International Symposium on Intelligent Control , Huston, Nov 2003. Ahmadi M., Keighobadi A., Nevisi M.M., Badie K., Using Two-Layered Case-Based Reasoning for Prediction in Soccer Coach , to appear in the proceedings of The 2003 International Conference on Machine Learning; Models, Technologies and Applications (MLMTA'03) . M. Jamzad, R. Ghorbani, M. Kazemi, A. Hadj Khodabakhshi, A. Keighobadi, R. Zamaninasab, M. Nurani, A. Farzan, Sharif CE Middle-Size team description for RoboCup 2002 , RoboCup 2002: Robot Soccer World Cup V, Springer, 02. An Introduction to AI Planning , ACM Student Chapter Seminar Series, Computer Engineering Department, SUT, Oct. 02. Keighobadi A., The MPEG-4 Standard , <i>Rayaneh Sharif</i> Magazine, Apr 01 (trans).

Teaching Experience	<p><u>"Pascal Programming"</u>, Instructor, SUT, Fall 01 and Spring 02.</p> <p><u>"Artificial Intelligence Planning"</u>, T.A., SUT, Spring 02.</p> <p><u>"Artificial Intelligence"</u>, T.A., in SUT, Spring 01 and Fall 01.</p> <p>"Pascal Programming", T.A., SUT, Fall 00 and Spring 01.</p>
Research Experience	<p>(Fall 01 to now) Multi-Agent Systems (Cooperation, Joint World Model Construction), Machine Vision (Object Detection, Image Segmentation, Self-Localization) as a member of <i>SharifCE RoboCup Middle-Size Soccer Robot Team</i>.</p> <ul style="list-style-type: none"> • Design and Implementation of a Multi-Agent Cooperation System in Rescue Simulation Environment, Best Project in Class (gained extra mark, Distributed AI), Fall 01. • Enhancement of Vision Algorithms for the Soccer Robots to Play in the New Noisy Environment, in SharifCE Middle-Size Soccer Robot Team. <p>(Spring 01 to Spring 02) AI Planning (Recursive Planning, Planning Under Uncertainty, Heuristic Planning), as a Research Assistant of <i>Dr. Ghassem-Sani</i>.</p> <ul style="list-style-type: none"> • Participation in the Design of an Elementary Recursive Planner.
Work Experience	<p>(Spring 00 to Spring 01) Computing Center, SUT: The MathCity project, an educational multimedia CD-ROM that teaches advance topics on high school mathematics.</p> <p>(Summer 01) IMS Co.: <i>Java Programmer, J2EE, Oracle DBA, Workflow Developer using Oracle Advance Queuing Service</i>.</p> <p>(Summer and Fall 00) Nebras Informatics Company, (One of the Most Reputable Object-Oriented Research and Development Companies in Iran) <i>Object-Oriented Analysis & Design (using RUP) and visualization (with UML)</i>.</p> <p>(1998 to 2000) Member of Central Council and Editorial Board in Computer Department's Students' Journal (<i>Rayaneh-Sharif</i>).</p>
Academic Interests	<p>Distributed Artificial Intelligence, Machine Vision, AI Planning, Robotics, Object-Oriented / Web-Based Software Engineering (Analysis & Design).</p> <p>Master's Thesis: "Design and Implementation of an Intelligent Vision System Using the Combination of Front View and Omni Directional View for Middle-Size Soccer Robots"</p>
Skills	<p>Planning Systems: Fast-Forward Planner, IPP, SGP, CGP, Graphplan, POP.</p> <p>Operating Systems: Microsoft Windows 98/2000/NT, Unix/Linux, MS-DOS.</p> <p>Programming Languages: Java, C/C++, Prolog, Lisp, Pascal, Basic, Javascript, ASP, JSP.</p> <p>Development Environments: Together, Rational Rose, Microsoft VC++, Borland Delphi, Matlab, Visual Basic.</p>