

Amirhoshang Hoseinpour Dehkordi

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EDUCATION	<i>Ph.D.</i> , Computer Science IPM, Tehran, Iran,	2016 - Current
	<i>Master of Science</i> , Computer Science Tehran University, Tehran, Iran, <i>Rank 2nd</i>	2013 - 2016 GPA: 3.9
	<i>Bachelor of Science</i> , Computer Science Sharif University of Technology, Tehran, Iran,	2005 - 2010
MAJOR INTERESTS	Artificial Intelligence Multi-Agent Systems Formal Methods	
HONORS	<i>National Elite Foundation</i> , Graduate fellowship <i>Second Rank</i> , Iran CS Ph.D. Nationwide Entrance exam <i>National Elite Foundation</i> , Undergraduate fellowship <i>Bronze Medal</i> , National Informatics Olympiad, Summer <i>Bronze Medal</i> , National Informatics Olympiad, Summer <i>Diploma of Honor</i> , Kharazmi National Festival of innovation, <i>First Rank</i> , In-State Electronic Olympiad	2013 - 2015 2014 2007 - 2009 2004 2003 2002 2002
PUBLICATIONS	"An approach for optimizing a limited form of secretary problem" 13th Iranian Conference on Fuzzy Systems Qazvin, Iran	2013
RESEARCH EXPERIENCES	<i>MSc Thesis</i> Title: "Model Checking Multi-Agent Systems" A review on traditional and new methods for verification and evaluation of developed MultiAgent Models. Under the supervision of Dr. Alizadeh.	2010 2015 - 2016
	<i>BSc Thesis</i> Title: "Data-Mining Applications in Petroleum" Develop and Engineered methods in data mining for petroleum applications. Under the supervision of Dr. Tabesh.	2010
	"Persian License Plate Detection and Recognition" As an Employee of "NegareshRayanePouya" <ul style="list-style-type: none">• Main Researcher and Programmer• Developed <i>learning</i> approaches for recognition of Iranian license plates.	2006 - 2007

TEACHING EXPERIENCES	<p><i>Teaching Assistant</i> Computer Science Department</p> <ul style="list-style-type: none"> • Coding Theory, Dr. M.Noori Fall 2014 • Basic C++ Programming, Dr. A. Aavani Fall 2007 • Advanced Java Programming, Dr. A. Aavani Spring 2007 • Design of Algorithms, Dr. Y. Tabesh Spring 2007 • Basic Java Programming, Dr. A. Aavani Fall 2006
CERTIFICATED COURSES	<p><i>Online Course</i> IBM Data Science Professional Certificate, a 9-course specialization by IBM on Coursera. Spring 2019</p> <ul style="list-style-type: none"> • Verify at coursera.org/verify/specialization/B979WK32U9C3 <p>Machine Learning with TensorFlow on Google Cloud Platform, a 5-course specialization by Google Cloud on Coursera. Spring 2019</p> <ul style="list-style-type: none"> • Verify at coursera.org/verify/specialization/B979WK32U9C3 <p>Advanced Machine Learning and Signal Processing by IBM on Coursera. Spring 2019</p> <ul style="list-style-type: none"> • Verify at coursera.org/verify/8D2M57WQNU5M <p>Fundamentals of Scalable Data Science by IBM on Coursera. Spring 2019</p> <ul style="list-style-type: none"> • Verify at coursera.org/verify/8D2M57WQNU5M
WORK EXPERIENCES	<p>Data Scientist and Strategy Manager at Shaghayegh co 2018 - 2019 One of the leading companies in Mellat bank. Designing strategy for an enterprise social network's development & analysis of transactions for a recommender system with machine learning methods.</p> <p>Game Programming and R&D Manager at XroboX co 2015 - 2017 in University of Tehran, Science & Technology Park. 3/2D Game programming (Mostly C++).</p> <p>Python Programmer at SIB co. 2014 - 2015 Developing Integrated Insurance System Major works are programming in Django and Oracle (Big Data) .</p> <p>Software Programming Lead at R&D Part of XroboX co 2013 - 2014 in University of Tehran, Science & Technology Park. Robotics simulation and modelling.</p> <p>Freelance Web Development 2010 - 2013 Database design, Front end development</p> <p>Database Design & C# Development 2009 - 2011 SafaMed's Free National Blood Glucose and Pressure Test</p> <p>Image Processing at Negaresh Rayaneh Poya 2008 - 2010 Licence plate detection and localization</p>
COMPUTER SKILLS	<p><i>Programming proficiency in:</i> C++, Java, Python, R, C#, PHP, JavaScript. <i>DBMS:</i> PostgreSQL, MySQL, SQL Server, Oracle. <i>Mathematical:</i> MatLab, Repast, NetLogo, Numpy, Pandas, Scipy, Tensorflow, The</p>

Coq Proof Assistant.

Other: Apache Spark, OpenCV, Halcon, AtmelStudio, Unreal Engine, Cocos2D-X