

CONTACT INFORMATION	1-131 Wellington Road Unit 319 Building 85A Clayton, Victoria 3800	<i>Home:</i> +61 3 9902 1689 <i>Mobile:</i> +61 459 050 407 <i>Email:</i> farshid.zavareh@monash.edu
EDUCATION	<b>Bachelor of Computer Science (Honours)</b> <i>Faculty of Information Technology, Monash University, Australia</i> <b>Minor in Mathematics (Stochastic Systems)</b> <ul style="list-style-type: none"><li>• Distinction average achieved to date</li><li>• Expected completion date: December 2015</li></ul> <b>Achievements</b> <ul style="list-style-type: none"><li>• Noel Craske Award for achieving the highest result in the Faculty in Database Management, Monash University, 2012</li><li>• Summer Research Scholarship, Monash University, 2012</li><li>• NICTA Summer Scholarship, Monash University, 2013</li><li>• Summer Research Scholarship, Monash University, 2013 (offer withdrawn due to NICTA scholarship acceptance)</li><li>• Winter Research Scholarship, Monash University, 2014</li></ul>	July 2010 – present
TEACHING	<b>Algorithms and Data Structures (FIT2004)</b> <i>Clayton School of Information Technology, Monash University, Australia</i> <b>Algorithmic Problem Solving (FIT1029)</b> <i>Clayton School of Information Technology, Monash University, Australia</i>	Semester 2, 2014  Semester 1, 2015
KEY RELATED PROJECTS	<b>DORIS (Dialogue Oriented Roaming Interactive System)</b> <ul style="list-style-type: none"><li>• Applying a probabilistic approach to develop a dialogue module for a robot. Worked on a speech recognition server that takes spoken input in real time and interacts with the rest of the language interpretation module</li><li>• Two conference papers published based on the results. See Publications section</li><li>• Supervisor: Prof. Ingrid Zukerman, Monash University</li></ul> <b>Creative Evolution of Complexity</b> <ul style="list-style-type: none"><li>• Zero-credit Advanced Project subject</li><li>• Implementation in Java and further development of an existing artificial life simulation of an ecosystem so that it grows exponentially in complexity</li><li>• Researched and presented findings in a written report and an oral presentation</li><li>• Supervisor: Dr. Kevin Korb, Monash University</li></ul> <b>Maze Solving Robot</b> <ul style="list-style-type: none"><li>• High school team project</li><li>• Designing and programming a maze solving robot for Islamic Azad University competitions in Iran</li></ul> <b>A CAPTCHA Control for ASP.NET 2</b> <ul style="list-style-type: none"><li>• An easy to use CAPTCHA control written in C# for use in .NET web applications</li><li>• Published under LGPL at <a href="http://www.codeproject.com/Articles/13209/A-CAPTCHA-Control-for-ASP-NET">http://www.codeproject.com/Articles/13209/A-CAPTCHA-Control-for-ASP-NET</a> and on SourceForge</li><li>• Article attained 4.87/5 rating from readers so far</li></ul>	January 2013 – present
IT RELATED EXPERIENCE	<b>Lead Programmer</b> <i>Ide Pardazan Co., Tehran, Iran</i> <b>Responsibilities</b> <ul style="list-style-type: none"><li>• Design and implementation of the back-end of a Learning Management System</li><li>• Leading a team of two other developers</li><li>• Interacting with UI team for integration of UI and the back end</li></ul>	August – December 2009

SKILLS AND COMPETENCE	<b>Core Competence in Computer Science and Mathematics</b> <ul style="list-style-type: none"> <li>• Algorithms and data structures</li> <li>• Classification and regression</li> <li>• Knowledge representation</li> <li>• Machine learning</li> <li>• Probability theory and statistics</li> <li>• Random processes</li> <li>• Single and multivariable calculus</li> </ul> <b>Programming Skills</b> <ul style="list-style-type: none"> <li>• Java, C#, C, Python, Perl, MATLAB, R, Shell Scripting</li> <li>• SQL (Microsoft SQL, MySQL)</li> <li>• Mobile application development (Java for Android)</li> <li>• Web development (HTML/CSS, JavaScript, ASP.NET)</li> <li>• Object-oriented programming</li> <li>• Version control systems (Git, SVN)</li> </ul> <b>Productivity Applications</b> <ul style="list-style-type: none"> <li>• IDEs: Eclipse, NetBeans, Microsoft Visual Studio</li> <li>• MATLAB</li> <li>• Python (NumPy, SciPy, SymPy)</li> <li>• Vim</li> </ul> <b>Operating Systems</b> <ul style="list-style-type: none"> <li>• Linux (Ubuntu)</li> <li>• Microsoft Windows Family</li> </ul>	
CERTIFICATIONS	<b>Microsoft Certified Professional</b> <i>Microsoft .NET Application Development Foundation (C#)</i>	August 2007
PUBLICATIONS	<ul style="list-style-type: none"> <li>• S.N. Kim, I. Zukerman, Th. Kleinbauer &amp; F. Zavareh. 2013. A Noisy Channel Approach to Error Correction in Spoken Referring Expressions. In <i>Proceedings of the 6th International Joint Conference on Natural Language Processing</i>, Nagoya, Japan.</li> <li>• F. Zavareh, I. Zukerman, S. N. Kim &amp; Th. Kleinbauer. 2013. Error Detection in Automatic Speech Recognition. In <i>Proceedings of the Australasian Language Technology Association Workshop 2013 (ALTA 2013)</i>, Brisbane, Australia</li> </ul>	
EXTRA-CURRICULAR ACTIVITIES	<b>Mental Health First Aid Course</b> <i>The Mental Health First Aid Training and Research Program (MHFA), University of Melbourne</i>	March 2012
INTERESTS AND HOBBIES	<ul style="list-style-type: none"> <li>• Reading: novels, history, political books and magazines</li> <li>• Films: action, comedy, crime, history</li> <li>• Video games</li> <li>• Sports: hiking, running, swimming</li> </ul>	