

ZARDOSHT HODAIE

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EDUCATION

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| M.Sc. Computer Science – Area of Specialization: Artificial Intelligence
Faculty of Computer Science
Technische Universität München (TUM) | April 2013 |
| B.Sc. Computer Science – Application Area: Mechanical Engineering
Faculty of Computer Science
Technische Universität München | April 2011 |
| B.Sc. Mechanical Engineering of Agricultural Machinery
Faculty of Agriculture
University of Tehran | February 2004 |

SKILLS

Programming languages:

Java (good)
C# .Net (intermediate)
C++ (intermediate)
Python (intermediate)

Software Platforms / Frameworks

IDE and Development tools: Eclipse, VisualStudio .Net, SVN, git, Maven, Hudson
Model driven development with EMF, GMF, RCP
Machine learning: Weka, scikit-learn
Mobile Development: Android
Web development with GWT, JSF
Enterprise software with Spring, Hibernate, MyBatis
3D Modeling and technical drawing with CATIA V5, Mechanical Desktop.
LaTeX, MS-Office

Languages

English (fluent)
German (fluent)
Persian (native)
Arabic (elementary)

WORKING EXPERIENCE

Research – Development

Oct. 2012 – to date

Participating on the EU-Project MUSES: Development of a platform for supporting context-aware security in mobile systems and services (musesproject.eu) - Chair of Mobile Services and Software Engineering, Department of Computer Science, University of Hamburg

Research Software Development

Oct. 2011 – Oct. 2012

Participating on the EU-Project FasFix: Development of a framework for monitoring control for remote software maintenance (fastfixproject.eu) - Chair of Applied Software Engineering, Faculty of Computer Science, TUM

Software Development

Oct. 2009 – Oct. 2011

Development of an intelligent content management system on Enterprise Java platform using GWT, Spring, Hibernate - Brainsphere InformationWorks GmbH

Tutorship

Summer 2011

Tutor for lecture “Einführung in die Softwaretechnik” (Introduction to Software Engineering) - Faculty of Computer Science, TUM

Tutorship

Summer 2009

Tutor for lecture “Einführung in die Softwaretechnik” (Introduction to Software Engineering) - Faculty of Computer Science, TUM

Software Development – Research Assistance

Jun. 2008 – Sep. 2009

Development of a CASE tool (unicase.org) as well as research assistance - Chair of Applied Software Engineering, Faculty of Computer Science, TUM

Software Development

Feb. 2007- May 2008

Development of a content management system using C# .Net and Microsoft SQL Server - Normfall GmbH

Translator - Author

2004 - 2006

Working at Shabakeh Magazine (iranian computer monthly) as translator and author.

Translation of books “Build Your Own Website” and “Home Networking Annoyances” into persian.

Consultant

Summer 2006

Consultant in design and implementation of a “simulation program for fluid movement in wood structures” - Faculty of Natural Resources, University of Tehran

Instructor

Summer 2006

Instructor of a programming premier course for Ph.D. students -
Faculty of Natural Resources, University of Tehran

Software Development

2005

Design and implementation of an accounting software for
building construction projects

PUBLICATIONS

Jonas Helming, Holger Arndt, Zardosht Hodaie, Maximilian Koegel, Nitesh Narayan

Semi-Automatic Assignment of Work Items

5th International Conference on Evaluation of Novel Approaches to Software Engineering

Jonas Helming, Maximilian Koegel, Zardosht Hodaie

Towards Automation of Iteration Planning

Proceeding of the 24th ACM SIGPLAN conference companion on Object oriented programming systems languages and applications, 2009, S. 965–972.

Jonas Helming, Holger Arndt, Zardosht Hodaie, Maximilian Koegel, Nitesh Narayan

Automatic Assignment of Work Items

Evaluation of Novel Approaches to Software Engineering: 5th International Conference, ENASE 2010, Athens.

Abouzar Eslami, Amin Aboee, Zardosht Hodaie, Mandana J. Moghadam, Stephane G. Carlier, Amin Katouzian, Nassir Navab

Coronary Arterial Stenosis by Inflating Tubes in CT Angiographic Images

3D Cardiovascular Imaging: a MICCAI segmentation challenge, 2012.

OTHER

Social:

Member of Society of Iranian Students and Academics in Germany (VIPASD e.V.),
maintaining the web site vipasd.org

Member of WWF

Interests:

Music (traditional Persian music, classical music)
Sport (Aikido, Karate, Swimming)
Reading (literature, science, philosophy)