ZARDOSHT HODAIE

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EDUCATION

M.Sc. Computer Science – Area of Specialization: Artificial Intelligence   April 2013
    Faculty of Computer Science
    Technische Universität München (TUM)

B.Sc. Computer Science – Application Area: Mechanical Engineering   April 2011
    Faculty of Computer Science
    Technische Universität München

B.Sc. Mechanical Engineering of Agricultural Machinery   February 2004
    Faculty of Agriculture
    University of Tehran

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 Software Development   Oct. 2011 – 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, UHH

Research Software Development   Oct. 2011 – to date
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 Hodaei, 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.),
  maintaing the web site vipasd.org

  Member of WWF

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