

Resume

Gholamreza Safi

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Research Interests

- Software Evolution and Maintainability
 - Software Architecture
 - Programming Languages
 - Aspect-Oriented Software Development
 - Software development methodologies
 - Service-Oriented Systems and Architectures
 - Formal Methods
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Education

- **Sharif University Of Technology, Tehran, Iran**
 - **M.S. of Information Technology Engineering in Computer Engineering Department (September 2006, January 2009)**
 - **Thesis Title: "Designing an Architecture for Self Healing Software Systems"**
 - **Advisor: Dr. Seyed-Hassan Mirian-Hosseiniabadi**
 - **GPA: 18.77/ 20**
 - **Iran University of Science and Technology(IUST), Tehran, Iran**
 - **Bachelor of Science in Software Engineering, Computer Engineering Department (September 2001, September 2005)**
 - **Thesis Title: "Connecting Software Architecture to Implementation Code by ArchC#"**
 - **Advisor: Prof. S. Parsa**
 - **GPA: 16.81/20.**
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HONORS AND AWARDS

- Ranked First among M.S. students Of Information Technology at Computer engineering Department At Sharif University of Technology Based on GPA, January 2009.
 - Ranked 7 in the Iranian Nationwide Information Technology M.S. Entrance Exam among more than 7,000 participants, 2006.
 - Introduced as top student in the computer engineering department at **IUST** for 3 years (2001-2002, 2003-2004 and 2004-2005).
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Publications

1. Gholamreza Safi, Seyed-Hassan Mirian-Hosseiniabadi, "A Service based Approach to Self-adaptive Software Systems based on Constructing a Group of Autonomic Elements", EASe 2010, Oxford, London, UK, March 2010.
 2. Gholamreza Safi, Seyed-Hassan Mirian-Hosseiniabadi, Ali Kamandi, "Implementing a new ADL for using in Software Architecture's Evaluation Methods", National CSICC 2008, Kish Island, Iran, March 2008.
 3. Hamid Bagheri, Vajih Montaghani, Gholamreza Safi, Seyed-Hassan Mirian-Hosseiniabadi, "An Evaluation Method for Aspectual Modeling of Distributed Software Architectures", AICCSA-08, Doha, Qatar, April 2008.
 4. Saeed Parsa, Gholamreza Safi, "ArchC#: A new Architecture Description Language for Distributed Systems", FSEN 2007, Tehran Iran, Also published in Springer LNCS 4767, Pages 432-439, April 2007.
 5. Gholamreza Safi, "Connecting software architecture to implementation code", Computer Engineering Student Conference, Tehran, Iran, May 2005.
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Teaching

- Teaching Practical Software Engineering, K. N. Toosi University Branch of Center of education, culture and research. Spring 2010.
 - Teacher Assistant of Software Engineering 1, Sharif University Of Technology, Computer Engineering Department, Spring 2009.
 - Teacher Assistant of Software Engineering 1, Sharif University Of Technology, Computer Engineering Department, Spring 2008.
 - Teacher Assistant of Software Engineering 1, Sharif University of Technology, Computer Engineering Department, Fall 2007.
 - Teaching Software Architecture as a part of Advanced Software Engineering course (graduate course), Sharif University of Technology, Computer Engineering Department, Fall 2007.
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Skills

- **Programming Languages, Frameworks and Related:**
 - C#, C++, Java, .Net, ASP.Net, VB.Net, .net Remoting, Java Script, ASP, HTML, SQL Server, SSIS, MYSQL, PHP, XML, COM, COM+, Coco/R, ANTLR,...
 - **Software Methodologies:**
 - RUP, XP, Agile Methodologies...
 - **Operating Systems:**
 - Windows, Linux, ...
 - **Simulators:**
 - NS 2, glomosim, Ximulator,
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Experiences

January 2009- Present K.N Toosi University Center of Education, Culture and Research

Title: System Architect, Process Engineer

Responsibilities:

- Teaching Practical Software Engineering
 - Working on Analyzing and Designing Outage Management Systems as An Software Architect
 - Working On Design and implementation of Data Integration Solutions as Developer
 - Working on Introducing Agile Software Development Methodologies to the Organization
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August 2008- September 2008 Sharif University of Technology, Software Quality Research Lab (internship)

Title: Software Engineer, Researcher

Responsibilities:

- Study about Technique for Distribution of data for enterprise software organizations Using Microsoft SQL Server
 - Study about Query Optimization in enterprise software organizations using Microsoft SQL Server
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August 2006- September 2006 Iran University of Science and Technology (IT Research Center of Roshd)

Title: Software Engineer, Designer and analyzer

Responsibilities:

Analyzing and designing a system for weather analyzing based on historical data. I used **RUP** for designing and generating documents of all steps.

September 2005 – May 2006 Computer Aided Engineering Iran, Tehran

Title: Software Engineer, Designer and analyzer

Responsibilities:

Working on Development Industry Feasibility Project for cost estimation in feasibility studies of civil-industrial projects

Environment: Visual Studio .NET (C#), ADO.Net, VB.Net , COM+, XML/XSL, Rational XDE, SQL Server 2000, T-SQL Programming, Win XP.

July and June 2005 Iran University of science and Technology (IT Research Center of Roshd) (internship)

Title: Software Engineer - Senior .Net Architect - Business Analyst and Developer

Responsibilities:

- Analyzing and Developing the Text Classifying system for news agencies based on RUP.
- Reversing the serial codes to object oriented pattern.

Environment: Visual Studio .NET (C#), ADO.Net, VB.Net, Rational Rose, IIS, SQL Server 2000, T-SQL Programming, Win XP.

References

Available Upon Your Request