

# Resume

## Gholamreza Safi

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### Research Interests

- Software Architecture
  - Software development methodologies
  - Service-Oriented Systems and Architectures
  - Aspect-Oriented Software Development
  - Formal Methods
  - Compilers and Programming Languages
  - Computer Networks( especially MANETs)
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### Education

- **Sharif University Of Technology, Tehran, Iran**
    - **MS Student of Information Technology in Computer Engineering Department (September 2006, Present)**
    - **Thesis Title: "Designing an Architecture for Self Healing Software Systems"**
    - **Advisor: Dr. Seyed-Hassan Mirian-Hosseiniabadi**
    - Current **GPA: 18.60/ 20**
  - **Iran University of Science and Technology(IUST), Tehran, Iran**
    - **Bachelor of Science** in computer **software engineering** (2001-2005)
    - **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 7 in the Iranian Nationwide Information Technology M.Sc. 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

### Conference Papers:

1. Gholamreza Safi, Seyed-Hassan Mirian-Hosseiniabadi, Jafar Habibi, Ali Kamandi, "Implementing a new ADL for using in Software Architecture's Evaluation Methods", Will be presented in National CSICC 2008, 9-11 March.
  2. Hamid Bagheri, Vajih Montaghani, Gholamreza Safi, Seyed-Hassan Mirian-Hosseiniabadi, "An Evaluation Method for Aspectual Modeling of Distributed Software Architecture", Will be presented in AICCSA-08.
  3. Saeed Parsa, Gholamreza Safi, "ArchC#: A new Architecture Description Language for Distributed Systems", FSEN 2007, Tehran Iran, April 2007, Also will be published in Springer LNCS 4627, Pages 432-439.
  4. Gholamreza Safi, "Connecting software architecture to implementation code", Computer Engineering Student Conference, Tehran, Iran, May 2005.
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## Teaching

- 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, 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, 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**

**August 2006- November 2007      IUST (Image processing Lab)                      Iran, Tehran**

**Software Engineer, Designer and analyzer**

**Responsibilities:**

Analyzing and designing the **MMRSGS** System.

The stake holder of this project was Geographical Organization. In this work I designed the software system of the multi sensor satellite station.

The following Technologies have been used to design/Implement the above applications:

- Used **RUP** methodology for designing and generate documents of all steps.
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**September 2005 – January 2006      Computer Aided Process Engineering (CAPE)      Iran, Tehran**

**Software Engineer, Designer and analyzer, senior .Net Architect, Project Manager**

CAPE (Computer Aided Process Engineering) is a company that works on modeling chemical engineering processes.

**Responsibilities:**

- Analyze, Design, Manage the ODIFA (Oil field Development Industry Feasibility) project. The stakeholder of this project is National Oil Company. The experts of Oil industry can use this software for estimating the cost of design and building an oil field. The cost contains all stages from drilling to building terminal. We have a technical team of chemical engineers to design the chemistry algorithms.
- Analyze, Design, Manage the Gas Purifying Simulator project. The stakeholder of this project is National Oil Company.

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

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**July and June 2005                      IUST (IT Roshd Center)                      Iran, Tehran**

**Software Engineer - senior .Net Architect - Business Analyst and Developer**

**Company Profile:**

Iran University of Science and Technology's Roshd Center is a leader in new fantastic projects in IT. This center is located in Iran University of Science and Technology.

**Responsibilities:**

- Analyzing and Developing the Automatic Text Classifying system for Iran News Agency (IRNA).
- Reversing the serial codes to object oriented pattern.
- Designing the topology of systems for future.

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

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