

# Resume

## **Personal information:**

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**“The MSc Student, University of Tehran, Computer engineering – Software engineering”.**



## **BSc Thesis**

Software architecture and Object oriented Design Patterns using Microsoft platform.  
(Documentation and Source code of 8 Style of architecture in this project are available.)  
In Azad University – Karaj Branch

## **MSc Thesis and Seminar ( In progress )**

In the field of Software architecture, Agile methodologies, Domain Ontology, methodology engineering.

## **Certifications**

1. Information Technology Management, Mojtame Fanni Tehran (MFT).
2. Microsoft SQL SERVER 2008, Mojtame Fanni Tehran (MFT).
3. Microsoft C# Foundation, Mojtame Fanni Tehran (MFT).
4. Web Base Client Development, ASP.net, Mojtame Fanni Tehran (MFT).
5. Professional Clint-Side Programming, Jahad Daneshghahi, University of Tehran.
6. Enterprise Analysis, IRAN Chapter Of IIBA

## **University papers and academic presentations**

1. Information retrieval: information extraction and semantic annotation. (Available in Persian)
2. Basic Concepts of security (available in Persian)
3. Software Architecture and software architecture Evaluation
4. Harmony search algorithm (HS) using in web text mining and clustering
5. Semantic Service provisioning : service engineering methodology, service enabling, Service Infrastructure
6. Parallelism: multi-core programming ( MPI, .Net, CUDA )
7. Distributed Database systems and architecture.

## **Books in print: (in progress, Draft Versions are available)**

1. English-Persian Computer science and mathematics Dictionary.
2. Database systems and data modeling.

3. Microsoft SQL Server 2012 Development , T-SQL Programming.
4. Object Orientation and C# programming Language.
5. Introduction to Software Quality Analysis.
6. Introduction to software architecture.

### **Research interests**

1. Software Architecture
2. Software Engineering
3. Methodology Engineering
4. Software Quality Analysis
5. Enterprise Architecture
6. Information retrieval systems and also other retrieval systems
7. Semantic web and ontology and related topic in Agent-orientation
8. Database Management systems and Models
9. Database: Relational Model and Object Relational model
10. Enterprise Resource Planning Systems

### **Programming Skills – (Web Application Development, Client-Side Programming)**

1. Intermediate and upper-intermediate skill in base on (W3C Standards):
2. HTML and XHTML (Hypertext Markup Language)
3. CSS (Cascading Style Sheets)
4. JavaScript
5. DHTML (Dynamic HTML)
6. DOM (Document Object Model)
7. jQuery

### **Programming Skills – (Web Application Development, Server-Side Programming)**

1. Web Application Development with ASP.Net in Dot Net Framework 2.0, 3.5, 4.0, 4.5.
2. ASP.NET AJAX
3. XML Family Technologies (XML Web services...)
4. ASP (Classic Active Server Pages) with VBScript
5. And Pre Intermediate Skill in JSP (Java Server Pages)
6. And Also Familiar with Other server side technologies like Adobe ColdFusion

### **Programming Skills – (Desktop Application Development)**

1. Intermediate Skill in C#.net in dot Net Framework 2.0, 3.5, 4.0
2. And Also C#.net Windows Application Development (Windows-Base Clint Development)
3. And Familiar with Distributed System Fundamental concepts.
4. Java Programming Language
5. WPF (Windows Presentation Foundation)
6. And also WCF and WF.

### **System Analysis and Design**

1. Upper Intermediate Skill in UML and RUP and SSADM Methodologies

2. Advanced skill in using agile methods (FDD and AUP).
3. Also software engineering and architecture

### **Database Management Systems**

1. Upper Intermediate skill in Microsoft SQL Server Development and administration.
2. And intermediate Skill in: Oracle 11g and MySQL and Microsoft Access.
3. Elementary Skill in PostgreSQL.

### **Other skills in using software**

- Microsoft Visual Studio 2005, 2008, 2010, 2012.
- Microsoft Expression Web Studio 4
- Enterprise Architect
- Microsoft Visio
- Microsoft Office
- Adobe Dreamweaver
- Adobe Fireworks
- Red Gate Package
- Oracle Data Modeler
- Oracle 11g
- MySQL
- Protégé

### **Other Personal Research as University Student**

- Software product Line.
- Service orientation and semantic Service oriented systems.
- Project management.
- Information retrieval and search engine systems and search engine optimization (SEO).
- Human Resource Management Systems.
- Distributed Database systems.
- Semantic Web and ontology matching and mapping systems.
- Enterprise Resource planning.
- Business analysis.
- Management in information technology.
- Distributed system application development.

### **Teaching Experience**

1. Around 700 hours teaching in **Mojtame Fanni Tehran** (Alborz and Ghazvin Branch)
2. Around 200 hours teaching software engineering in ABA University.
3. And also in **Alborz Radio** as instructor.

### **English Language**

Advanced skill in Reading, Writing, Speaking and Listening.