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Education

- 2011–2014 **M.Sc Computer Engineering, Minor in Software Engineering**, *Shahid Beheshti University*, Tehran, Iran, **GPA: 16.77 out of 20 (3.63/4)**.
- 2005–2010 **B.Sc Computer Engineering, Minor in Software Engineering**, *University of Tehran*, Tehran, Iran, Last year **GPA: 16.02 out of 20**.

M.Sc thesis

Social Network *Rummer Detection on Twitter*

B.Sc thesis

HPC *Protein Fingerprint Using High Performance Computing*
supervisors Dr. Ahmad Khonsari

Honors and Awards

- 2005 Top 0.2% of the nationwide university entrance exam, with nearly 500,000, (Tehran, Iran)
- 2002 Semifinalist of the Iranian National Mathematics Olympiad, (Tehran, Iran)

Teaching Experiences

All the Following TA-ships were at University of Tehran, ECE Department

Instructor

Database Laboratory, Spring 2013, Fall 2012, Spring 2012, Fall 2011, Spring 2011, Fall 2010, Summer 2010, Spring 2010.

Network Laboratory, Fall 2010.

ASP.NET, C# programming and Web Security, ACM Chapter, Summer 2009.

Teacher Assistant

Database Systems, Spring 2012, Fall 2011.

Human Computer Interaction, Spring 2012.

Internet Engineering, Spring 2011, Spring 2010, Spring 2009.

Computer Network, Fall 2010, Fall 2009.

Computer Network Simulation, Spring 2010, Spring 2009.

User Interface, Spring 2010.

Operating Systems, Spring 2009, Fall 2008.

Machine & Assembly Languages, Spring 2009, Fall 2008, Spring 2008, Fall 2007.

Basics of Computer Programming, Fall 2009, Fall 2008, Spring 2008.

Advanced Programming, Fall 2009, Fall 2008, Spring 2008.

C++ Programming, Fall 2009, Fall 2008, Spring 2008.

Relevant Courses

Graduate Software Architecture **(19/20)**, Advanced Operating Systems **(18.9/20)**, Advanced Computer Network **(17.8/20)**, Computer Network Security **(17/20)**, Advanced Database Systems **(17.75/20)**, Ultra Large Scale Systems **(15/20)**, Software Engineering **(16/20)**

Under Graduate System Modelling and Simulation **(20/20) (Top of the class)**

Computer Networks **(20/20) (Top of the class)**

Internet Engineering **(18.60/20) (In Top 3 of class)**

Operating Systems I **(16.50/20) (In Top 3 of class)**

Artificial Intelligence **(15/20)**

Machine & Assembly Languages **(18.50/20) (In Top 3 of class)**

Advanced Programming **(17/20) (Top of the class)**

Selected Relevant Projects (University)

CN: Computer Networks, AD: Algorithm Design I, OS: Operating Systems I.

CN Implementation of LAN Sniffer, Implementation of Proxy Server.

AD Minimal Path in Graph Implemented in Boost library, B+Tree Implementation.

OS Implementation of FTP Server, Implementation of Posting Systems Simulation, Implementation of Remote Shell.

and more academic projects.

Selected Work Experience

Idea Rayan Atiyeh

2015-now **Co-founder, Shareholder, Senior Lead Web Development**, *Develop a Social Network Website, NoSql GraphDB (Neo4j), Neo4jClient, ASP.NET Entity Framework, MVC (Razor), C#.NET* .

Kanoon Farhangi Amoozeshi Ghalamchi

2013-2015 **Senior Web Developer & Project Manager**, *Develop Online Reporting Application & Some web projects (ASP.NET Entity Framework, MVC (Razor), C#.NET)* .

Arnatech

2010-2013 **Co-founder, Shareholder, Technical Manager & Senior Web Developer**, *Arnatech is an Information and Communication Technology company which provides technology solutions and services to its customers. The Company provides software products (Hand-held Applications, web Applications, Windows Applications and ...) and IT services..*

e-shop **Project Manager and Senior Web Developer**,
Yektamas - Large & Multi-store e-shop (Based on Magento) (Main Store: <http://yektamas.ir>, Pasargad Store: <http://pasargad.yektamas.ir>, Samsung Store: <http://samsung.yektamas.ir>, Nilper Store: <http://nilper.yektamas.ir>, Toseye Taavon Bank Store: <http://taavon.yektamas.ir> , ...)
Shahreketabonline - Very Large e-shop (Based on Magento)
Sanjesh & Danesh e-shop (Based on Magento).

Social Network **Project Manager and Senior Web Developer**, *Perspolis Fan-club (Base on Elgg)*.

E-Ticketing **Project Manager and Senior Web Developer**, *Nopad - Online Ticket Reserving and Payment (Pardakht Amn Pasargad) from scratch (.NET, MVC 3, Entity Framework)*.

XRM **Architect & Technical Manager**, *Total Solution (Portal, Shop, Game, Social Network, Forum, Integrate Point Managements. .*

University Of Tehran

2012-2012 **Mobile Application Developer (J2ME)**, *SIMAH Mobile Messaging and Polling for Green Organization. (J2ME), Iranian Conference on Electrical Engineering 2012 (ICEE2012), Ghalamchi Polling System. Using: J2ME, SMS, GPRS*

2011-2012 **Php Developer**, *Professional Request Managements* (<http://srm.ut.ac.ir>).
Using: MySQL, PHP

2011-2011 **Security Adviser**, *Applications and Databases*.

2010-2010 **Database Integration Project**, *Technical Manager & Architecture.*, Architecture, In this project we have to integrated all application systems of University of Tehran in database level without any changes in applications..
Using: Oracle, MSSQL, JAVA, C#.NET, ASP.NET

School of Computer Science, Institute for studies in Theoretical Physics and Mathematics (IPM)

2008-2011 **Research Assistant in Tosan Group (HPC and Super Computing Center)**.

free-lance

2006-2013 **Design and Development more than 20 Official Websites, Web Applications and Windows Applications,**

Web Applications (ASP.NET, C#.NET, MSSQL):

Sharif University of Technology, PRED

University of Tehran, Department of Engineering Science Official Website,

University of Tehran, Department of Algorithm and Computational Official Website,

Amirkabir University of Technology, Polymer Faculty Official Website ,

Shahid Beheshti University, Project Managements Web Application (Atoliyeh Najaf, Architecture & Urban Planning Faculty)

K. N. Toosi University of Technology, Geodesy & Geomatics Engineering Faculty
E-Testing Web Application

Canadian Group, Monifer Exchange System

Web Applications (Php or JAVA and MySQL):

Professional CV Managements (<http://cv.olgou.ir>).

Course Managements Systems (Customize Moodle (PHP))

Document Managements Systems (Customize OpenKM (JAVA))

Windows Applications (C#.NET):

Dimand System (Gomrok Iran)

Payam Nour Client Messenger

Glass Managements .

Computer Skills

Programming Languages	C#.NET, C++, Java (J2EE, J2SE, J2ME), familiar with Bash, Perl & Php.
Web Development	MVC ASP.NET(MVC3, MVC4, MVC5), Razor Engine, WebAPI2, Linq & EntityFramework. (Code behind C#.NET), JAVA (JSP, Servlet, Hibernate).
JavaScript Libraries	JQuery & JQuery UI, AngularJS, Bootstrap, HighCharts, ExtJS, IntroJS, X-editable, DataTables, jqGrid
Pdf Generator Libraries	Crystal Report, iTextSharp
R DataBases	MSSQL, MySql, Postgres & familiar with Oracle.
NoSql DataBases	HBase & Hadoop (MapReduce, Hive), GraphDB (Titan (Gremlin), Neo4j (Cypher))
Methodology	RUP, Agile (XP, Scrum)
Architecture Pattern	SOA (Familiar with SOMA, SOUP), Multi Tier
Design Patterns	Generic Repository Design Pattern (With UnitOfWork), Inversion of Control (IoC) and Dependency Injection (DI) (Ninject), MVC, MVVM, Singleton, Front Controller, Template Method, Factory
Source Version Control	SVN (Subversion), GIT and Gitolite
Continuous Integration (CI)	Jetbrain Stack (TeamCity, Upsource, YouTrack)
Open Source Cracking	Pentaho Data Integration (PDI), Postgres, OpenKM (Knowledge Management System), Magento (e-shop), nopCommerce (e-shop), Bugnet, Elgg (Social Network Engine), Moodle (Learning Management System)
Hadoop Ecosystem	Ambari, HDFS, HBase, Hive, ZooKeeper, Kafka