# Esmaeel Zekaee

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## Biography

I was born on 21 Mar 1983. I fell in love with programming when I was high school student. I studied **Mathematics** at university and I graduated MSc Mathematics with my dissertation on Wavelets on graphs via spectral graph theory. I specialize in the fields of object-oriented programming, data modeling, software analysis and implementation of complex algorithms, and implementation of modern design patterns.

## Job Objective

Looking for a job position in an experienced team in a **.NET based** software company to apply my experiences in **designing**, **developing**, and **programming** web applications and adding value to business.

## Specialized In

### Skilled in

.Net Framework (C#) since 2004, Asp.Net MVC, Web Api, Asp.Net Core, EF, JavaScript, jQuery, AngularJs, HTML, CSS, TypeScirpt, LESS, SemanticUI, SQLServer, MS-Office (expert user in VBA), T4 (I created many T4 templates to auto generate C#, TS and HTML files in visual studio at design time.), Windows Desktop Applications (Graph drawing and coloring application with professional GUI.)

### Have experiences in

QBasic (I became a **programmer** since 1999!), Visual Basic (I continued programming with Visual Basic until I got familiar with C# and .Net tecnology, I wrote a few applications with Visual Basic for example a small accounting program especially for a flower shop.), C/C++ (I wrote many mathematical algorithm with c/c++ in researches.), Fortran (parallel processing with OpenMP), Matlab (I run the MEX files written with Fortran and C++ to draw charts and trace mathematical algorithms.), Java (I've written Android apps.)

### Familar with

AspBoilerplate Framework (I started to develop a non commercial app with AspBoilerplate.), Xamarin (I worked on telegram client app with Xamarin.), Raspberry pi, Arduino (I love electronics and I done a few DIY project with Arduino for example a CNC simple controller.)

## Research Interests

Computer Science, Mathematics, Electronics.

## Education

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| 2008-2012 | **Applied Mathematics** Hakim Sabsevari University |
| 2012-2014 | **Applied Mathematics, Graph theory and combinations** Shahrood University of Technology |

## Work History

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|---|---|
| 2004-2005 | **IT Department Employee**, Safa Toos, Kavian Industrial Town, Fariman Rd, Mashhad |
| 2014-2015 | **IT Department Manager**, DEMICO, Lavizan, Tehran |
| 2015-2019 | **IT Department Manager**, ModaresaneSharif Institute, Enghelab Sq, Tehran |
| 2018-2019 | **Project Manager**, Peyvand Gostar Pardis, Fatemi Sq, Tehran |

## Recent Projects

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|---|---|
| 2018-2019 | Develope up to 12 nopCommerce Plugins (RESTFull WebApi plugin,SMS services plugin, Bank cards plugins, Persian calendar plugin, Resource manager plugin, Delivery day plugin, etc.) |
| 2018-2019 | Set up various online store sites. |
| 2016-2018 | Design and develope nn Exam Software runs in ModaresaneSharif Institute with up to 30,000 Users. (ASP.NET MVC, Web API, AngularJS) |
| 2015 | Create an administration area of an eCommerce Software (ASP.NET MVC, Web API, AngularJS) |
| 2014 | Create a CMS for a news website (ASP.NET MVC, Web API, AngularJS) |

## Conferences

**2011**    **Gh. Sadeghi, E. Zekaee**, **Construction of all topologies on finite sets**, 42th Annual Iranian Mathematics conference, Rafsanjan

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**Journals**  **2011**    **A. A. Arefijamaal, E. Zekaee**, **Signal and image processing by alternate dual Gabor frames,** Seminar on Banach spaces and Banach algebras, Damghan University, Damghan, Iran.

**2013**    **A. A. Arefijamaal, E. Zekaee**, **An infinite number of dual Gabor frames and some applications** 1st Seminar on Harmonic analysis and applications, Isfahan University of Technology, Isfahan, Iran.

**2013**    **A. A. Arefijamaal , E. Zekaee**, **Signal processing by alternate dual Gabor frames**, App. Comput. Harmon. Anal. 35 535-540

**2015**    **Gh. Sadeghi, A. Arefijamaal, E. Zekaee**, Construction of all topologies and algebras on finite sets, Acta Universitatis Apulensis, 41 1-9.

**2016**    **A. Arefijamaal, E. Zekaee**, **Image processing by alternate dual Gabor frames**, Bull. Iranian Math. Soc., 42 1305-1314