



Name: Ali Nejate **Date of birth:** August 1983 **Marriage status:** Married

Education:

- Msc, Electric Engineering, Control branch Tarbiat Modares University, Iran 2005-2008 Ave:16.16
 - BSc, Electric Engineering, Power branch, Islamic Azad University, Iran 2001-2005 Ave:17.31
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Thesis Titles

- **BSc:** Design and construction of a soft start 3-phase Asynchronous motor drive
- **MSc:** Economic-Environmental Power System Utilization

Computer Knowledge

- Object Oriented Design and Programming
- Familiar with and using Test Driven Development method
- Familiar with Domain Driven Design
- Familiar with SOLID design principles and Design Patterns
- Familiar with ASP.net MVC web development
- Familiar with Restful web services, AJAX, XML and Json
- Years of experience in C# programming language
- Familiar in designing data driven web applications
- Familiar with Relational Database Modeling and Design using SQL Server
- Familiar with T-SQL
- Familiar with Entity Framework
- Few study in Html, Java script, jQuery, CSS, Bootstrap but prefer the server side
- Familiar with Network and Socket Programming, TCP/IP, HTTP

Projects

- A Windows-form application for analyzing stock market using C#, Microsoft SQL Server, Entity framework in a multi-layer design (data layer, business layer, service layer, presentation layer)
- Server side programming in an IOT project collecting temperature of a room
- A Windows application connecting the computer to control a programmable DC power supply
- A Windows application connecting the computer to a TI DSP Board to configure DSP controller parameters via computer
- Simulating charged particles movement in magnetic field with C# and java
- Creating some small android application with Xamarin in Visual Studio
- Design and construction of a 12-volt dc to 220-volt ac push-pull convertor with 8051 micro controller
- Design and construction of a controllable DC motor drive (8051 micro controller for drive part and data acquisition card to bring data to computer to be used in MATLAB)

English Language Knowledge

- Fluent in Reading and Listening Skills
- Good at writing and speaking
- May provide 6.5 or above in IELTS if required

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