

### Education

2017-present

**MSc Databases and Web-based Systems**, The University of Salford.

*Modules: (Expecting Distinction)*

- *Advanced Database : SQL, Concurrency control, Distributed Database, Temporal Databases, NoSQL ( MongoDB )* **Attained 83.5%**
- *Semantic Web & Information Extraction : XML, RDF, RDFA, SPARQL, OCR* **Attained 79.4%**
- *Applied Statistics & Data Mining : Machine Learning, Text Mining, R, SAS* **Attained 77.0%**
- *Web-Based Software Development ( ASP.NET 4.5 and C#, MVC PHP, Mysql)* **Attained 90%**

2012-2016

**Bachelor of Computer Engineering**, Azad University of Tehran ( Central Branch )

Semester 1:  
Object Oriented programming (C++)  
Semester 2:  
Networking fundamentals  
Statistics  
Semester 3:  
Advanced object oriented programming  
Discrete Mathematics  
Semester 4:  
Assembly language  
Data structure  
Designing Logical circuit  
Semester 5:  
Computer Architecture  
Designing Algorithms  
Automata theory

Semester 6:  
Storage and retrieval of data  
Microprocessors (AT mega family and its structure)  
Operation system (Kernel, Scheduling, Concurrency control, Paging)  
Artificial Intelligence  
Semester 7:  
Database Design (Database design, SQL )  
Compiler Design  
Network Designing (OSI, TCP/IP)  
Multimedia Concepts  
Software engineering concepts (Designing UML, ER, LDM Diagrams)  
Semester 8:  
Computer Graphics:  
Graphics concepts (OpenGL library, C++)

**Attained 83.05% ( 16.61 out of 20 )**

2008-2011

**Diploma of Mathematics and Physics**, Parsayan High school

**GPA: 18.95 out of 20 (94.75%)**

### Internships

Summer 2016

**Network Intern**, Tania server LTD, Tehran

*In my internship I worked with Cisco software products such as Cisco Package Tracer (designing network) and hardware products such as working with routers and switch and establishing network .*

### Awards

**Scholarship from University of Salford**

References available upon request

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## Personal Profile

I am a 23-year-old software engineer/developer, on the lookout for opportunities to better my skills and gain hands-on experience (willing to relocate). I have experience of working on my own side projects as individual project, and group projects and hackathons project. (More info available at <https://cityverve.org.uk/open-innovation-transportation-hackathon>)

You can find more about me in my web-page where I explained some of my projects and the technologies I used so far.

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## Technical Skills

- Knowledge of Object Oriented, Procedural, and Functional Programming and familiarity with Design patterns and Design Principles and familiarity with MVC architecture
- Knowledge of C++ programming language
- Knowledge of HTML5 ,CSS3, and UI frameworks such as Bootstrap, SemanticUI
- Familiarity with responsive design
- Knowledge of Javascript ES5, and familiarity with ES2015 and jQuery
- Using different libraries and plugins to enhance the overall functionality of the project
- Comfortable working with Terminal on \*nix environment as well as Command Line on Microsoft Windows
- Knowledge of PHP (Object Oriented and Procedural)
- Knowledge of Laravel Framework
- Familiarity with Node.JS, expressJS, and AngularJS ( version 1)
- Advance knowledge of SQL and working with SQL Server database, its language T-SQL, and its datatools (SSRS, SSIS)
- Designing database schema and knowledge of diagrams (UML, ER, LDM)
- Working with Mysql database and administration tools like Sequel Pro, Mysql Workbench and phpMyAdmin
- Knowledge of NoSQL databases like MongoDB and Firebase
- Familiar with Package managers like composer, NPM
- Knowledge of version controlling with Git and Git Hub platform.
- Knowledge of semantic web concepts, XML, XML/RDF serialisation and SPARQL language for querying semantic structure
- Demonstrable Familiarity with web development workflow from designing to deployment

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## Project

- TravelMate  
PHP MVC, MySql Database <https://travel--mate.herokuapp.com>
- LaraMedia  
It is based on Laravel framework <https://laramedia.herokuapp.com>
- Green Environment version 1.0  
AngularJS (version 1) Firebase Web App <https://geapp.firebaseio.com>
- CampJS  
Express App with nodeJS on the server and MongoDB (NoSQL) <https://campjs.herokuapp.com>
- CsBoard  
C# and ASP.NET app with SQL SERVER Database <http://csboard.somee.com>

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## Contact Info

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24 / 08 / 1994

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Git HUB

[github.com/AlI-Kiyan](https://github.com/AlI-Kiyan)

Web-page

[ali-k.co.uk](http://ali-k.co.uk)