

## Mehdi Tarabi

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### Education

2015-2017

#### Master of Systems Engineering with Embedded systems

- Master thesis: "Architectures for Semantic Software Applications in Healthcare:

A Study of Managing the Reversibility of Diabetes 2"

- Published article and presented on 51st Hawaii

International Conference on System Sciences 2018

Supervisor:

Dr. Radmila juric

My paper link:

<https://scholarspace.manoa.hawaii.edu/bitstream/10125/50282/1/paper0395.pdf>

University of Southeast Norway (USN)

#### Principal Subjects / skills covered

- ✓ **OWL** (Ontology Web Language)
- ✓ **SWRL** (Semantic Web Rule Language)
- ✓ **JAVA**
- ✓ **UML, DevOps**
- ✓ System Engineering
- ✓ **Objected Oriented**
- ✓ Programming Language (**VHDL & C & C++**) with **FPGA**
- ✓ Software/Hardware co-development of Embedded Systems
- ✓ Safety Critical Systems
- ✓ Research Methods

2006- 2010

#### Bachelor of software engineering

Grade: B

#### Principal Subjects / skills covered

- ✓ Algorithm Design
- ✓ Computer Architecture & Lab
- ✓ Differential Equation
- ✓ Expert Systems
- ✓ Machine language and Assembly Engineering & Lab
- ✓ Computer Graphics I&II
- ✓ Software Project
- ✓ Engineering Probability and Statistics
- Internet Engineering
- ✓ Computer Simulation
- ✓ Design and Implementation of Programing Languages
- ✓ Object oriented system

Software

Saveh Azad University, Iran  
& University of applied science and Technology

- ✓ Engineering Mathematics
- ✓ Data Base (SQL)
- ✓ Artificial Intelligence
- ✓ UML

## Relevant work experiences

DATA	TITLE	COUNTRY/FIRMA	DETAILS
From 2017-12-15  Until Now	<b>IT MANAGER</b> (Software & Hardware Expert )  Responsible for all systems computers, websites	<b>Norway/ Doktor mobil AS</b>	<ul style="list-style-type: none"> <li>Design and implementation of portal with VS2019 (ASP.net , VB.net and SQL server 2014) IDE: (Microsoft visual studio 2019 )</li> <li><a href="https://drmobildatabase.org/login.aspx">https://drmobildatabase.org/login.aspx</a></li> <li>Repair Technician phone/Tablet (iphone, ipad, ....) and laptop</li> </ul>
2017-01 2017-06	semantic web solution	<b>Norway University of Southeast Norway (USN)</b>	<ul style="list-style-type: none"> <li>using <b>JAVA</b> technology in Netbeans IDE, <b>SQL</b> and <b>OWL</b> to implement semantic web solution link: <a href="https://scholarspace.manoa.hawaii.edu/bitstream/10125/50282/1/paper0395.pdf">https://scholarspace.manoa.hawaii.edu/bitstream/10125/50282/1/paper0395.pdf</a></li> </ul>
2013-2014	<b>IT manager</b>  Responsible for all systems computers, servers, websites	<b>Swiran Company, Tehran, Iran</b>	<ul style="list-style-type: none"> <li>Setting the company network (Domain) and operating DHCP and Active Directory</li> <li>Setting up and tuning ISA server to manage the company internet</li> <li>Scheduled Set up to manage backup Databases</li> </ul>
2012-2013	<b>IT manager</b>  Responsible for all systems computers, servers, websites	<b>Riabi co, Tehran, Iran</b>	<ul style="list-style-type: none"> <li>Design and implementation of Web Site and web based portal (asp.net , VB.net and SQL)</li> <li>Setting the company network (Domain) and operating DHCP and Active Directory</li> <li>Setting up and tuning ISA server to manage the company internet</li> <li>Scheduled Set up to manage backup Databases</li> </ul>
2011-01 2011-09	<b>IT consultant</b>  Responsible for all systems computers, servers, websites	<b>Aria Dana Leasing Company affiliated to Bahman Investment Company, Tehran, Iran</b>	<ul style="list-style-type: none"> <li>Design and implementation of Web Site and web based portal (asp.net , c#.net and SQL)</li> <li>Setting the company network (Domain) and operating DHCP and Active Directory</li> <li>Setting up and tuning ISA server to manage the company internet</li> <li>Scheduled Set up to manage backup Databases</li> </ul>
2009-2011	<b>IT services</b> Responsible for all systems computers, servers, websites	<b>Public libraries, Tehran, Iran</b>	Equipped and developed LAN and WAN internet connection and setting up more than 30 computer for using students
2003-2009	<b>-IT manager</b> Responsible for all systems computers, servers, websites <b>- Sales Expert</b>	<b>Bahman Leasing (Representation of Mazda Company in Iran)  CAR LEASING</b>	<ul style="list-style-type: none"> <li>Design and Implementation of Software of Purchase and After Sale Services with vb.net and MS Access</li> <li>Design and implementation of web based portal (asp.net , VB.net and SQL)</li> </ul>

### Software-skills:

- **Python(pycharm professional), Visual Studio 2019 .NET 4.7(ASP.NET, VB.NET, C&C++, C#),** Data base (Azure,MS SQL Server),Java Script, JAVA (my master thesis was based on using java technology in Netbeans IDE, SQL and OWL data base together and SWRL (semantic web rule language), WordPress and HTML , BOOTSTRAP, CSS and Visual Code to design and implementing web based applications, web sites and windows applications
- **Python , mangodb**
- Embedded programing with **VHDL, C and C++**
- Designing and implementing Lan networks and setting up (**Domain Controller-DHCP- Active Directory**)
- **Setup and maintenance (VMware, ISA Server, SQL Server, Windows servers, Linux servers, Antivirus & Firewalls)**
- Microsoft Office (dominated on Access & Excel), Photoshop, Dream viewer, Front page, after effect
- **I have full understanding of agile software development methodologies with UML modeling and DevOps.**

### Hardware-skills:

- **Full understanding of troubleshooting and fixing & changing LCDs ( Phones / Tablets/ Laptops )**

### Language skills:

- English (fluent)
- Norwegian (A2). In the learning process
- Persian (Mother-tongue)

### References

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- Dr. Radmila juric , my professor (UML) and supervisor at University of Southeast Norway (USN),  
Email: radjur3@gmail.com, phone number: 004796988814
  - PhD. Reza Rajabi, my professor of C++ during bachelor , Canada  
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  - Anita Farzane ,**Member and Managing Director of Silko AS**,  
Email: anita@silko.no, phone number: +4790063677
  - Dr. Amirehsan Khorshidi **Director of frognertannklinikk**  
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  - Dr. Elmira Barzegar Gharehtapeh, Board Member/ **Director of Swiran Co**,  
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