

The page features a decorative design with three blue circles of varying sizes, each with a lighter blue inner ring, arranged diagonally from top-right to bottom-right. Two thin blue lines intersect to form a large 'V' shape that frames the circles. A large, faint watermark reading 'Resume' is oriented diagonally across the center of the page.

# My Resume (CV)

Hoda Ahmadi

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## Resume

**Hoda Ahmadi**

**Address:** Iran-Tehran

**E-mail:** [hodastar\\_22@yahoo.com](mailto:hodastar_22@yahoo.com)

### **Personal Profile**

MA degree in software engineering (Iran University of Science and Technology-Tehran-Iran), from 2014-2016. BA in software engineering (University of Mazandaran- Babolsar-Iran), from 2008-2012.

### **Educations and Qualifications**

2004-2008 mathematic & physics diploma in Sharif high school, Sari, Iran  
Average: 19.10

2008-2012 University of Mazandaran-Babolsar-Iran, BA degree in software engineering  
Average: 16.39

### **B.A. Thesis**

Wireless Sensor Networks Security

2011 three months internship in informatics enterprise of municipality, Sari

2013 Basic engineering web design under the PHP and CSS and Photoshop, the professional technical organization of the country

2014 Acceptance 92th degree in Master exam

2014-2016 Iran University of Science and Technology-Tehran-Iran, MA in Software engineering  
Average: 17.04

### **M.A. Thesis**

A Method for Load Balancing Between Controllers in Software Defined Networks

### **Work Experience**

- ❖ Implementation of Load Balancing & Fault Tolerance in Distributed Control Plane SDN
- ❖ Floodlight controller programming for software defined networks
- ❖ Work with mininet emulator and python code for create and configuration SDN network topology
- ❖ Teaching SDN basics
- ❖ SDN-NFV presentation for Telecommunication Infrastructure Company
- ❖ Generate traffic with IPERF3, Ping, D\_ITG...
- ❖ Analyze of Packets Detail with Wireshark
- ❖ Linux Commands
- ❖ Ubuntu 14.04
- ❖ Making and manual adjustment Cross Cable Network
- ❖ Setup and configuration switch, router, access point
- ❖ Design network topology with packet tracer

- ❖ UML and analysis application software and Rational Rose and Arena: Introductory Level
- ❖ Design and programming 8086 microcontroller
- ❖ Design and implementation of hospital and laboratory use SQL Server database and programming language C #
- ❖ Image Processing
- ❖ Design and implementation of AVL Tree in C ++ programming language

### **Skills**

#### **Professional Programming & Language:**

- Java
- C#
- HTML
- CSS
- SQL Server
- PHP
- UML
- Rational Rose
- Packet tracer
- Matlab
- NS2
- Gnuplot
- OFCProbe
- IPERF(traffic generator)
- DIGT(traffic generator)
- Wireshark
- Linux
- Mininet emulator
- Python
- Dreamweaver
- Visual Studio

#### **Language Skill:**

- ❖ English: good reading, good Writing, average Conversation
- ❖ Arabic: good reading, good Writing, average Conversation

### **Self-Studies & Researches**

- ❖ Network Function Virtualization
- ❖ Cloud Computing
- ❖ Distributed System
- ❖ Synchronization
- ❖ Fault Tolerance in SDN
- ❖ POX,RYU,OpenDylight,ONOS
- ❖ OPNFV
- ❖ Security in SDN
- ❖ QOS
- ❖ Routing & Traffic Engineering
- ❖ Server & controller Load Balancing

Resume