

## MOHAMMAD MEHDI MOUSAVI

### OBJECTIVE

- **Computer Networks**
- **Neural Networks**
- **Artificial Intelligent**

### SKILLS & ABILITIES

- **Programming Languages :**  
Expert in : Java , C#  
Familiar with : C , C ++
- **Web Development :**  
HTML 5 , CSS 3 , XML , Java Script & JQuery , PHP
- **Mobile App. Development :**  
Android
- **Data Base System :**  
MySQL , Microsoft SQL Server
- **Operating System :**  
Windows , Linux
- **Hardware Design Languages**  
Familiar with : VHDL , Verilog
- **Type Setting :**  
Microsoft Word
- **53 word per minute typing**

### EXPERIENCE

- **Data Structure & Algorithm :**  
Text compression using Huffman coding  
Developing shared linked list for student information  
Implement Longest Common Subsequence (LCS)  
Merge-Sort & Quick-Sort Implementation and improvement  
Matrix Chain Multiplication using dynamic programming
- **Internet Engineering :**  
Developing Http Analyzer using Java.Net Package  
Developing static website using HTML 5 & CSS 3 (a website like zoomit.ir & zoomg.ir)

- **Computer Networks :**  
Registration student portal using socket
- **Computer Architecture :**  
Designing a basic computer  
Design and implementation of ALU with 8 operations using Proteus.
- **Advanced Programming :**  
Developing JOMONG (a strategic game like Warcraft)  
Developing battle Tank (a game like Tank)  
JCalculator (java calculator)  
JDM (Java Download Manager)
- **Principle of Programming**  
Developing Super Mario ,Snake , Calculator , Text Editor , Paint  
(all in C++)

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#### EDUCATION

- **Amirkabir University of Technology (Tehran Polytechnic), Tehran, Iran**  
BS Candidate, Computer Engineering , Hardware  
September 2012 - June 2017 (expected)
- **ShahidRejaye High School, Bijar, Kurdistan , Iran**  
Diploma in Mathematics and Physics, Sep. 2007 - Jun. 2011

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#### ONLINE COURSES

- **Algorithms**  
Princeton University
- **Machine Learning**  
Stanford University

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#### HOBBIES & INTERSTS

- **Running & Gym**
- **Reading Book Before Sleep**
- **Watching movies**
- **Listening to peaceful song**

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#### LANGUAGE

- **Farsi (Persian) : Native**
- **English**