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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 , XML(XSLT , DTD , XML Schema) , Java Script & JQuery , PHP
  Familiar with ASP.NET
- **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)

  Game Station: client side for online chess and Sudoku (using HTML , CSS , JavaScript , jQuery , XSLT , DTD , XML Schema)

- **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++)

EDUCATION

- **Amirkabir University of Technology (Tehran Polytechnic), Tehran, Iran**

  BS Candidate, Computer Engineering , Hardware

  September 2012 - June 2017 (expected)

- **ShahidRejayee High School**, Bijar, Kurdistan , Iran

  Diploma in Mathematics and Physics, Sep. 2007 - Jun. 2011

ONLINE COURSES

- **Algorithms**

  Princeton University

- **Machine Learning**

  Stanford University

HOBBIES & INTERSTS

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

LANGUAGE

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