Mohammad Mahdi Samiei Paqaleh

Curriculum Vitae

Contact Info

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StackOverflow	https://stackoverflow.com/users/4714161/mmsamiei

Research Interests

○ Data Mining

○ Big Data

○ Artificial intelligence

○ Web Scraping

Education

2014–2018 (Expected) **Undergraduate, Computer Software Engineering**, *Amirkabir University of Technology*, Tehran, Iran.

○ Current GPA 17.95 / 20 (87 / 144 credits)

2010–2014 **Diploma of mathematics and physics**, *Allame Helli 4 High School (SAMPAD)*, Tehran, Iran.

○ GPA 19.29 / 20

Honors

2017 Selected as a member of National Scientific Olympiad in Computer Engineering team of AmirKabir University of Technology as a result of outstanding performance, Tehran, Iran, 2017.

Projects - Mostly Available on github.com/mmsamiei

2014 Implementation Snake Game For DOS Systems. **C** → link

2014 Implementation Tetris Game For DOS Systems. **C** → link

2014 Implementation Paint Programm For DOS Systems. **C** → link

2014	Implementation English And Persian Editor For DOS Systems **C** → link
2015	Implementation of a simple guessing game, this was also executed on AlteraDE2 borad - **Verilog HDL** → link
2016	Implementation of a compiler **lex, yacc, C** → link
2017	Implementation of an agent for Pacman Capture Flag contest of university of berkeley **Python** → link
2017	Implementation of a personal secretary Telegram Bot **Python** → link
2017	Implementation of a ProxyServer with FTP connection **Python** → link

Skills and Expertise

- **General Software Programming**.
  C, Java, Python

- **Hardware Design Languages**.
  Verilog, VHDL

- **Type Setting**.
  VIM, LaTeX, LibreOffice, Microsoft Word, Sublime Text

- **Hardware Simulators**.
  ModelSim, Xilinx Vivado

- **DBMS**.
  MySQL, SQLite, SQL Server

- **Operating Systems**.
  Microsoft Windows, Linux (Ubuntu)

- **IDE**.
  Eclipse, Android Studio, Pycharm

- **Data Mining and Machine Learning Tools**.
  Rapid Miner, Weka, TensorFlow

- **Commandline tools**.

Undergraduate courses

- **Introduction to Programming**.
  19 / 20

- **Advanced Programming with Java**.
  18 / 20

- **Data structures and algorithms**.
  20 / 20

- **Digital systems design**.
  16.6 / 20

- **Electrical circuits**.
  17 / 20

- **Technical English**.
  18 / 20

- **Engineering Statistics**.
  20 /20

- **Algorithm Design**.
  20 / 20

- **Principles of database design**.
  19.96 / 20

- **Computer Architecture**.
  19.95 / 20

- **Theory of machines and languages**.
  19 / 20

- **Research & Technical Presentation**.
  17.4 / 20

- **Artificial Intelligence**.
  19.25 / 20

- **Principles of Compiler Design**.
  18.1 / 20

- **System Analysis & Desig**.
  18 / 20

- **Operating Sys. Design (I)**.
  19.6 / 20

- **Computer Aided Digital System Design**.
  19.75 / 20

- **Computer Networks (I)**.
  16.75 / 20

- **Foundations of Data Mining**.
  18.3 / 20

Languages

○ Persian (Native Proficiency)
○ English (Limited working proficiency)

Refrences

References available upon request