

Mohammad Mahdi Samiei Paqaleh

Curriculum Vitae

Contact Info

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Github github.com/mmsamiei
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Research Interests

- Data Mining
- Big Data
- Artificial intelligence
- Natural language processing (NLP)

Education

- 2014–2018 **Undergraduate, Computer Software Engineering**, *Amirkabir University of Technology*, Tehran, Iran.
◦ (Expected)
◦ Current GPA 17.95 / 20 (87 / 144 credits)
- 2010–2014 **Diploma of mathematics and physics**, *Allame Helli 4 High School*, Tehran, Iran.
◦ GPA 19.29 / 20

Honors

- 2015 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](#)

2016 Implementation of a personal secretary Telegram Bot **Python** → [link](#)

2016 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, L^AT_EX, 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
- **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

■■■■ Languages

- Persian (Native Proficiency)
- English (Professional Working proficiency)

■■■■ References

References available upon request