

Mohamad Farahani



CONTACT

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LANGUAGES

English: Full professional proficiency
(IELTS = 7)

Persian: Native or bilingual proficiency

ABOUT ME

As a software engineer and an IT manager, my passion to enrich my knowledge in Network Engineering and Data Analysis has led me to gain in-depth knowledge of different topics in the field such as Network Management, Data Science, Internet of Things (IoT), Artificial Intelligence and Machine Learning. Being a quick learner with analytical skills and the ability to take on responsibility made me a great team player and motivates me to move on.

Additionally, I have learned and experienced how to build a team; learned how to lead and manage a team, and of course how to keep up the team.

WORK EXPERIENCE

03/1401 - 08/1402

Lead Technical Specialist, Remis Co:

- R&D in the field of applying Internet of Things (IoT) technology in various industries.
- R&D in the field of applying IoT, artificial intelligence, and machine learning in the domain of modern and intelligent agriculture.
- Preparing a comprehensive business model and business plan for launching centralized smart greenhouses.
- Testing and implementing an intelligent system for collecting, analyzing, and investigating environmental data, storing it in the cloud, and making intelligent decisions

07/1398 - 02/1401

Data Scientist, Freelance:

- Execution of various projects in the field of data engineering and machine learning.
- Production of professional content in the field of artificial intelligence and machine learning applications in smart cities and various industries.
- Research and investigation in the field of blockchain applications in various fields of science and industries.

03/1391 - 06/1398

Chief Operational Officer, VASLAB, Sharif University of Technology:

- Manufacturing and maintaining a platform to run value added services running on SMS, USSD infrastructure.
- Developing an SDP (Service Delivery Platform) to provide special services for Hamrah Aval and Irancell operators.
- Defining and running value added services.
- Managing a team to produce specialized content for the services.

02/1384 - 06/1387

Web Developer, Parnian Pajoohesh Co:

- Developing and maintaining web applications

EDUCATION

Master Degree of Information Technology,
Sharif university of Technology, Tehran

1387 - 1389

Bachelor Degree of Computer Engineering,
Shahid Beheshti University, Tehran

1382 - 1387

Diploma in Mathematics,
**National Organization for Developments of Exceptional Talents
(Sampad), Arak**

1375 - 1381

ADDITIONAL SKILLS

Programming Language: Python, JavaScript, C++, Micro Python, MySQL, SQL Server, MongoDB, HTML, CSS

Network Simulator: OmNet++, OpNet

Technology: Internet of Things, BlockChain, P2P Networks, Cloud Computing, Distributed Systems, Artificial Intelligence, Machine Learning, Deep Learning

Technical Tool: Wireshark, Microsoft Power Automate, Microsoft Power BI, Tableau, PyTorch, Scikit-learn, TensorFlow

HONORS & ACHIEVEMENTS

Ranked 23rd in the university entrance exam at the master's level in the field of Information Technology

Ranked 2nd among all master students (~40) in the IT and computer department of Sharif University of Technology

Ranked 9th in the university entrance exam at the doctoral level in the field of Information Technology