



ALI SHAMEKHI

NETWORK ENGINEER 📍 SHIRAZ, FARS, 7186811119, IRAN 📞 +989175852717

◦ DETAILS ◦

Block No 213, Alley No. 3, Moalem St., Moalem Sq.

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Iran

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a.shamekhi@sutech.ac.ir

Date / Place of birth

1997-03-09

Shiraz

Nationality

Iranian

◦ LANGUAGES ◦

English (IELTS score 7)

Persian

◦ SKILLS ◦

Computer Networks

Cyber Security

Machine Learning

Deep Learning

Data Analysis

Python

C#

PHP

◦ LINKS ◦

www.ali.sh

linkedin.com/in/alishamekhi

👤 PROFILE

📍 A graduate student from Shiraz University of Technology in the field of Computer Networks with tons of practical experience

🎓 EDUCATION

Diploma in Mathematics and Physics, Ehsan private highschool, Shiraz

2011 — 2014

GPA: 19.25/20, 3rd rank

BSc in Computer Engineering (IT), Shiraz University of Technology, Shiraz

2015 — 2019

GPA: 16.54/20, 5th rank

MSc in Computer Networks, Shiraz University of Technology, Shiraz

2019 — 2022

GPA: 17.19/20, 2nd rank

Research area: CyberSecurity, Computer Networks, Machine Learning, Data Analysis

★ PUBLICATIONS

A TIME-INTERVAL-BASED DDOS DETECTION SYSTEM USING MACHINE LEARNING TECHNIQUES

2022

1st International Symposium on Applications of Artificial Intelligence (AOAI)

★ HONORS AND ACHIEVEMENTS

At Highschool

2011 — 2014

- 3rd place in the Computer Olympiad of Fars province
- Teaching assistant for computer course

At University (BSc)

2015 — 2019

- Member of the Scientific Association Council of Shiraz University of Technology
- Scrum master at Project management course
- Developing a cloud remote server management system based on Short Message Service (pccontrol.ir) (University project)

At University (MSc)

2019 — 2022

- Honorary admission to the M.Sc. program without the university entrance exam
- Submitting a paper to the 1st International Symposium on Applications of Artificial Intelligence (AOAI 2022) jointly held by Shiraz University of technology and Oman National University Of Science and Technology with the title "*A TIME-INTERVAL-BASED DDOS DETECTION SYSTEM USING MACHINE LEARNING TECHNIQUES*"
- Receiving the title of best presentation in AOAI 2022

★ LECTURES

At University

- Implementation of SDN network using ONOS controller (2019)
- Software Security Analysis Fundamentals (2020)
- Integrated cloud infrastructure (2020)
- EVE-NG - A network simulator (2021)
- Querying different databases through a single interface with Apache MetaModel (2021)

At Work

- Implementation of MPLS network based on Mikrotik router (2020)
- Introducing the NETCONF protocol (2021)

📁 EMPLOYMENT HISTORY

Senior Software Developer at Asiatech Data Transmission Company, Shiraz

2015 — Present

- Developing cloud network accounting software based on FreeRADIUS
- Developing VoIP switch based on Asterisk engine
- Developing cloud router configuration management system

asiatech.ir

CTO at RayaHost, Tehran

2013 — Present

- Founder and board member
- Network infrastructure design for Cloud Hosting
- Developing a network monitoring system based on the NetFlow protocol

rayahost.net

Network Engineer at Keepa, Tehran

2017 — Present

- Designing and setting up a private secured network between pop sites
- Setting up high availability database architecture based on SQL DBMS
- Setting up web cluster using CDN
- Member of network infrastructure R&D team

keepa.ir

★ COURSES

At Industrial Management Institute, Shiraz

- Web-based Professional Programming in ASP.NET MVC (2015)
- Developing Windows Azure and Web Services (2015)
- Developing Microsoft SQL Server 2012 Databases (2015)
- Programming in C# (2015)
- Programming in HTML5 with JavaScript and CSS3 (2015)
- Programming in Xamarin Applications (2016)
- Network++ (2020)

At Coursera, Online

- Machine Learning with Andrew Ng from Stanford University (2020)

📄 REFERENCES

Dr. Pirooz Shamsinejad Babaki from Shiraz University of Technology

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Saeed Tajalizadeh from RayaHost

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