



ALI RAZMJOO QALAEI

IT Security Professional, Full Stack Developer

📍 TEHRAN

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SUMMARY

Full Stack Developer, IT Security Professional, Enjoying writing code, Researcher, Penetration Testing, Creating and Executing Security Solutions.



WORK EXPERIENCE

SENIOR SECURITY SPECIALIST

IRAN'S NATIONAL NETWORK
INFRASTRUCTURE

July 2012 – PRESENT

Contractual and continuous contract.

- Programmer
- Penetration Tester (Red Team Leader)
- Malware Analyzer
- Security Researcher
- Security Adviser
- Network Security (UTM, Firewall, WAF, etc.)
- Code Audit

SENIOR SECURITY SPECIALIST

SOFT RESEARCH COMPANY, UNIVERSITY
OF TEHRAN

April 2014 - 2015

Soft Research Company's IT Department activities are Cyber Security, CRM, CMS, ISMS, UTM, Mobile and Desktop Applications, Penetration Testing and Network Designing and Security.

- Security Researcher
- Code Audit

CHAPTER LEADER

OWASP

August 2015 - PRESENT

OWASP volunteer and developing open standards and software.

- Chapter Leader of Iran ([Link](#))
- OWASP ZSC Leader ([Link](#))

SECURITY RESEARCHER

OFFSEC RESEARCH

April 2014 - PRESENT

Founder of OFFSEC Research, First Iranian Cyber Security Magazine. Offensive cybersecurity researching group comprised of world-renowned hackers and security experts.

- Online Magazine
- Research
- Blogging
- Cyber Security Conferences

CTO/CISO

FARANEGAR KNOWLEDGEWARE
COMPANY

April 2015 - 2016

Faranegar Knowledgeware Company as CISO (2 Months) and transition to CTO (6 Months)

CEO

VIRA: STRATEGIC DEVELOPMENT OF
SECURITY ARENAS

January 2016- PRESENT

Startup company to develop new products based on cyber security and ISMS.

- WAF (With Web Panel and Mobile Application)
- iScan ([iscan.io](#))



EDUCATION

SOFTWARE TECHNOLOGY ENGINEERING

[FARAZ UNIVERSITY](#)

2016 - PRESENT

Currently a student

ASSOCIATE DEGREE OF CHEMICAL INDUSTRY

[KHERAD UNIVERSITY OF BUSHEHR](#)

2013 - 2015

Graduate (14/20)

DIPLOMA OF CHEMICAL INDUSTRY

AYAT-ALLAH TALEGHANI HIGH SCHOOL OF BUSHEHR

2011-2013

Graduate (14/20)



CERTIFICATION

ISO/IEC 27001:2013

[TUWISSION](#)

2016 July

Information Security Management System, An information security management system (ISMS) is a set of policies and procedures for systematically managing an organization's sensitive data.



PROJECTS

OWASP ZSC

[OWASP](#)

2016 - PRESENT

Founder/Creator/Developer - [OWASP Page](#) - [GitHub](#).

OWASP ZSC is open source software written in Python which lets you generate customized shellcode and convert scripts to an obfuscated script. This software can be run on Windows/Linux/OSX with Python. Currently OWASP ZSC has 8 contributors, 118 forks and more than 220 stars and it's in the top 10 security tools in [ToolsWatch](#).

GDB PEDDA

[GITHUB](#)

2016 - PRESENT

Contributor - Adding OWASP ZSC API to GDB PEDDA

NMAPPALYZER

[GITHUB](#)

2016 - PRESENT

Founder/Creator/Developer - R&D Phase

OWASP NETTACKER

[OWASP](#)

2017 - PRESENT

Network, IoT, Web Security Framework – R&D Phase
Automated Penetration Testing Framework - [GitHub](#)



LANGUAGES

PERSIAN (Native)



ENGLISH (Fluent)





PRESENTATIONS

DEF CON DEMO LABS

DEF CON

2016

BLACKHAT EU ARSENAL

BLACKHAT

2016

OFFSECONF

OFFSEC RESEARCH

2016

OWASP ZSC in DEF CON Demo Labs

OWASP ZSC in Blackhat EU Arsenal

OWASP ZSC Presented in OFFSECONF



PUBLICATIONS

EMULWARE: AUTOMATICALLY DETECTING DYNAMIC WEB SERVER MALWARE

ACSAC

2017

Abbas Naderi-Afooshteh, Ali Razmjoo-Qalaei, Jack Davidson, Anh Nguyen-Tuong "Emulware: Automatically Detecting Dynamic Web Server Malware" ACSAC 2017



NOTEWORTHY

MENTOR

GOOGLE

2016

OWASP ZSC selected for GSoC 2016.

Mentoring Pratik Patel at Google Summer of Code 2016 for OWASP ZSC (\$5000 Google funding)

TOP 10 BEST SECURITY TOOLS

TOOLSWATCH

2016

OWASP ZSC selected as top ten security tools. ToolsWatch is the hackers' tools arsenal portal.

MENTOR

OWASP

2017

OWASP ZSC in OWASP Code Sprint 2017. OWASP Code Sprint is a program that aims to provide incentives to students to contribute to OWASP projects.



EXPERTISE

Network and Systems Security, Penetration Testing (White/Black Box), Securing Services and Codes, Research and Development, Security Monitoring, Programming and Creating Tools, Data Integrity & Disaster Recovery, Virtualization & Cloud Technologies, Risk Assessment & Impact Analysis



HOBBIES

Googling, GitHub, Writing code, Listen to music, Watch movies, Driving, Social networks, Thinking, Read new articles.



COMPUTER SKILLS

HACKING	
WEB SECURITY	
NETWORK SECURITY	
CRYPTO	
BIG DATA ANALYTICS	

CODE AUDIT	
MALWARE ANALYSIS	
FORENSIC	
KERNEL HACKING	
DevOps	



REVERSE ENGINEERING

MALWARE ANALYZING	
SHELLCODING	
PACKERS& AV BYPASS	
OLLYDBG	
ALF	

CUCKOO SANDBOX	
BINARY EXPLOITION	
GDB	
IDA	



PROGRAMMING LANGUAGES

PYTHON (2.X, 3.X) ██████████
 PERL ██████████
 C++ ██████████
 ASM ██████████
 LUA ██████████
 C# ██████████
 CSS ██████████

PHP ██████████
 BASH ██████████
 C ██████████
 JAVASCRIPT ██████████
 RUBY ██████████
 HTML ██████████



SECURITY/PENETRATION TESTING

SERVER ██████████
 WEB APPLICATION ██████████
 SERVICES ██████████
 OPERATING SYSTEMS ██████████

CLIENT ██████████
 NETWORK ██████████
 SOCIAL ENGINEERING ██████████
 LOW LEVEL ANALYSIS ██████████



VIRTUALIZATION

VMWARE WORKSTATION ██████████
 PARALLELS ██████████
 VIRTUALBOX ██████████
 QEMU ██████████

VMWARE ESXI ██████████
 VMWARE FUSION ██████████
 KVM ██████████



OPERATING SYSTEM

WINDOWS ██████████
 CENT OS ██████████
 ARCH (MANJARO) ██████████
 MAC OS ██████████
 IOS ██████████

LINUX REDHAT ██████████
 UBUNTU ██████████
 FREEBSD ██████████
 ANDROID ██████████



DATABASE

MYSQL ██████████
 MS SQLS ERVER ██████████
 POSTGRESQL ██████████

SQLITE ██████████
 MONGODB ██████████



MANAGING SERVERS

SECURE LINUX SERVERS ██████████
 CSF ██████████
 MONITORING ██████████
 WINDOWS FIREWALL ██████████
 PFSENSE ██████████

IPTABLES ██████████
 BUILD UNIQUE SERVICES ██████████
 CREATE BACKUP SERVICES ██████████
 SNORT ██████████
 PF ██████████



OTHERS

GIT ██████████
 IPYTHON ██████████
 NOTEPAD++ ██████████
 PROJECT MANAGEMENT ██████████

PYCHARM ██████████
 MICROSOFT OFFICE ██████████
 PACKET TRACER ██████████