

## Seyed Maziar Sojoudian

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### Personal Information

- Address: Unit 7, No 27, Kalantary Alley, Darabi Alley, Zhiyan Panah St, South Karegar Avenue, Tehran, Iran.
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### EDUCATION

- **Allameh Amini Institute of Higher Education**, Babolsar, Iran  
B.S. in Computer Engineering (Software Major),  
School of Computer Engineering, 2014-2016 GPA: 3.628  
ADVISOR: Professor Sepideh Toorani  
Thesis : Deploying OpenStack for IaaS (Infrastructure as a service) for computer department on Ubuntu Linux with Ceph Storage, Grade A
  - **Zarandieh Institute of Higher Education**, Saveh, Iran  
Associate of Electrical Engineering, in Electrical/Telecommunications Engineering  
School of Electrical and Computer Engineering, 2008-2012  
ADVISOR: Professor Ahmad Karami  
Thesis : Modern File Systems especially ZFS, Grade A
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### Honors

- Top student for three semester at Allameh Amini Institute of Higher Education, B.S. in Computer Engineering
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### University Activities

- Creating OpenStack for IaaS for all Computer Department members, then they are able to have a Test Machine for their projects for my thesis and I received 200 USD as award
  - Research Assistant with Professor Ahmad Karami at Iranian Telecommunication Infrastructure Company (TIC) working on Modern File Systems especially ZFS
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### RESEARCH INTEREST

- Cloud Computing :  
Specially Infrastructure as a Service (IaaS), Platform as a Service (PaaS), and Software as a Service (SaaS).
- Data modeling
- distributed systems and parallel system
- Database systems, data mining, data analytics
- Text mining, ontologies, the semantic web, and algorithms

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**Traning courses**

- Senior Level Linux Professional 304: Virtualization High Availability
- Senior Level Linux Professional 303 : Security,
- Senior Level Linux Professional (LPIC-2)
- Junior Level Linux Professional (LPIC-1)
- BSDA. BSD Associate
- CCNA (Cisco Certified Network Associate Routing & Switching)
- ASTERISK VoIP System
- VMware vSphere 6 ICM (Install, Configure, Manage)
- Fundamental of JAVA Programming Language (SCJA),

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**Publications**

- Submitted : Object Storage
- A comprehensive article about BSD, Maziar Sojoudian, Salam-Donya, Number 8, 2016 Pages : 40-53 Salam-Donya

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**PROFESSIONAL  
AND  
INDUSTRIAL  
EXPERIENCE****Boshramedia Technologies Co. Ltd.**

Technical Manger, Tehran, Iran Sep 2016, present

**Achievements:**

- Setting up Adaptive bitrate video streaming server in C
- Setting up infrastructure as a Service with KVM and OpenStack
- Setting up DevOps environment CI/CD, private GitLab, Automation life cycle through Open source applications
- Setting up a multi-WAN clustering database and geography-based load balancer for web servers.

**Responsibilities:**

- Supervising the streaming of video and audio.
- Managing the databases, web servers, and virtualized systems.
- Monitoring databases procedures.
- Interviewing prospective employees as the technical representative of Human Resource

**Huawei Technologies Co. Ltd.**

Back Office engineer (BO), Tehran, Iran Sep 2015, Sep 2016

**Achievements:**

- Administrating SUSE Linux Enterprise Server and Oracle Databases for more than 2 million active clients.
- Maintaining HUAWEI Servers and other hardware.

- Communicating with colleagues from around the world.

**Responsibilities:**

- Managing and maintaining MNS Servers and Services besides MMSC Servers and Services for MTN Irancell VAS project.
- Communicating with MTN Irancell agent as the representative of HUAWEI to make sure every procedure was going smoothly.

**Islamic Republic of Iran Broadcasting**

System Administrator Tehran, Iran Sep 2013, Sep 2015

**Achievements:**

- Setting up GeoIP Load Balancer Server to separate the iran internal and external net- works
- Setting up Adaptive bitrate video streaming server in Python
- Setting up Galera Cluster via MariaDB , Multi-Wan and Multi-Master MySQL between three different Data centers at IRIB

**Responsibilities:**

- Supervising the streaming of video and audio.
- Managing the databases, web servers, and virtualized systems.

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**Invited  
Conference  
Talks**

- Lecture : ZFS file system in Ubuntu at [University of Isfahan](#). May 19, 2016.
- Lecture : Web 2.0 and modern Websites at [Allameh Amini Institute](#). Nov 20, 2015
- Lecture : DevOps at [Tehran University](#). Dec 29, 2015
- Lecture : Application Layer Monitoring Systems at [Allameh Amini Institute](#). Apr 20, 2015

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**Teaching  
Experience**

- Linux Operating System, [Tehran Institute of Technology](#), 2015-Present;
- DevOps, [Tehran Institute of Technology](#), 2017;

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**Teaching  
Assistant**

- Software Engineering, School of Computer Engineering, [Allameh Amini Institute of Higher Education](#), 2015-2016; taught by M. Gorjizadeh.
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## **Additional Skills**

- Languages: *English (fluent), Persian (mother tongue).*
- Operating Systems: *Unix like OS such as BSD Family, Redhat Family and Debian Family.*
- Programming: *C, Python, Ruby, Shell Scripting, Latex.*
- Learning about new topics in the world of computers, achieve new experiences, and being open to changes.
- Helping others with my applications and making the world a better place to live.

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## **REFERENCES**

Available upon request