

# Mohammad Javad Shariati Eshkevari

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## Education

SEP 2017 - PRESENT

**Sharif University of Technology; Tehran, Iran** – B.S. in Computer Science

- GPA: 3.6/4.0
- Coursework: Computer Networks, Distributed Systems, Data Engineering and Big Data, Database Systems, Image Processing, Computer Vision and Machine Learning

SEP 2013 - JUN 2017

**National Organization for Development of Exceptional Talents; Qom, Iran** – High School

- GPA: 4.0/4.0
- Diploma in Mathematics and Physics

## Experience

OCT 2019 - PRESENT

**Sotoon (Cafebazaar Cloud); Tehran, Iran** – Data Infrastructure Engineer

- Built a multi-user platform to transfer, store, and analyze big data at petabyte scale
- Maintained Apache Druid, Kafka, Hadoop HDFS, Hadoop YARN, Spark, and ZooKeeper clusters/services
- Set up and maintained Monitoring and Alerting stack (Prometheus, Alertmanager, Grafana, and M3DB as long-term storage)
- Maintained Elastic Stack (ELK) cluster and Wazuh security platform
- Developed Kubernetes operators to manage Apache Kafka, Hadoop, and Zookeeper clusters and Wireguard (VPN tunnel) service in a Platform-as-a-Service (PaaS) environment
- Mentored new team members

## Skills

- **Proficient in** Docker, Kubernetes, Nomad, Druid, Kafka, Elastic Stack (ELK), HDFS, YARN, ZooKeeper, Prometheus, Grafana, Python, GoLang, Java, Linux, Git, LaTeX
- **Experienced with** Scala, Spark, Wazuh security platform, M3DB, Wireguard

## Certificates

MAR 2019 - JUN 2019

**CCNA (Cisco Certified Network Associate)** – Cando training center; Tehran, Iran

## Selected Courses

20.0/20.0	Data Transfer and Computer Networks
20.0/20.0	Computer Networks Lab
20.0/20.0	Data Engineering
20.0/20.0	Database Systems
20.0/20.0	Distributed Systems
20.0/20.0	Principles of Computer Systems
19.5/20.0	Operating Systems
20.0/20.0	Advanced Programming
20.0/20.0	Principles of Image Processing
19.3/20.0	Computer Vision

## Selected Projects

Spring 2021	- Database Systems
Spring 2020	<b>Timed I/O Simulator for Distributed Algorithms</b> - Distributed Systems
Spring 2020	<b>MultiProcessor and MultiThread Programming</b> - Operating Systems
Spring 2019	<b>Blockchain/Cryptocurrency Analysis Platform</b> - Data Engineering
Spring 2019	<b>Prime Numbers Distributed Computing</b> - Data Engineering
Fall 2018	<b>MIPS Assembler and Pipeline Simulator</b> - Principles of Computer Systems
Spring 2018	<b>Graphical MultiThread Game</b> - Advanced Programming

## Teacher Assistants

Spring 2021	Operating Systems
Spring 2020	Data Transfer and Computer Networks
Fall 2019	Principles of Computer Systems

## Research Interests

System Engineering, Computer Networks, Security, Distributed Systems, Big Data, Cloud Computing, Operating Systems, Database Systems

## Languages

Intermediate in English, Native speaker of Farsi