

# SHAYAN SALEHIAN

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## OBJECTIVE

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Hands-on and highly skilled software engineer with 7+ years of experience in diverse frameworks and languages. Seeking opportunity to pursue my career in a progressive company and to be part of an impactful and challenging project. A dedicated self-starter having several self-motivated projects, adding value to the team with experience of applying scientific knowledge and machine learning algorithms for solving problems.

## SKILLS

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Programming Languages: Python, Java, JavaScript, Scala, C++, C#  
Big Data Technologies: Apache Spark, Apache Kafka, Hadoop  
Web Technologies: Node.js, ReactJS, JQuery, Django, HTML, CSS, Bootstrap, ASP.net  
Other Platforms: AWS, Keras, Scikit-learn, Android, Restful APIs, SQL, NoSQL, Git

## EDUCATION

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**University of California Riverside** M.S. Computer Science *GPA: 3.96/4* - Grad: Dec. 2017 Riverside, CA  
**Sharif University of Technology** B.S. Computer Science Tehran, Iran

## WORK EXPERIENCE

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**PayPal** Jun. 2017 — Sept. 2017  
*Software Engineer Intern*

- Added value as a full-stack software engineer to design a pipeline for machine learning based malware detection.
- Proposed a real-time and scalable web dashboard for tracking malicious network activities.
  - Worked with multiple platforms in development of the full data-analysis pipeline:  
Acquiring data from *NoSQL* databases, back-end developments with *Spark Streaming and Apache Kafka*, and front-end developments using *Express, Socket.IO, and ReactJS*.
  - Proposed automated malware detection based on network behavior using LSTM Neural Network models, achieving 90% accuracy.

**University of California Riverside** Sept. 2016 — Present  
*Graduate Research Assistant*

- Web platform for embedded developers with compilation and graphical simulation capabilities using *NodeJS*.
- Gamification of educational material for Computer Science students using *JavaScript*.

**Rahavard Company** Spring 2014 — Winter 2016  
*Co-Founder, Full-Stack Developer*

- RateOstad** ([rateostad.com](http://rateostad.com)) *Django, JQuery, Bootstrap, AWS*  
Full-stack developer of a professor review website for top schools in Iran, actively used by thousand of students.
- Carboi** ([carboi.com](http://carboi.com)) *Django, Celery, JQuery*  
Full-stack developer of an online car reseller startup with automated car discovery and intelligent pricing.

**Intelligent Information Solutions Center (IIS), Tehran, Iran** Spring 2016 — Fall 2016  
*Software Engineer Intern*

Server-side developments for a web-based enterprise-level form and report generator using C# and ASP.net.

## PROJECTS

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**Twitter Stream Language Identification** *Scala, Apache Spark, Apache Kafka*  
**Real-time Health Information App for Smartwatch** *Java, Android*  
**Soccer Match Result Predictor** *Python, Scikit-learn*  
**Nutrition Planning and Activity Tracking Platform** *Django, JQuery, Bootstrap*  
**Healthcare Management Platform** *Java, JavaFX, Hibernate*  
**Handwritten Digit Recognition** *Matlab*

## AWARDS

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**Robocup Championship Winner** in multiple national and international leagues.  
**National Youth Chess Medalist** in under 14, 12, and 10 age categories.