

# Seyed Mohammad Reza Shahsahebi

## Profile

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**Date of birth:** 01/01/1996  
**Nationality:** Iranian  
**Email address:** mr.shahsahebi@gmail.com  
**Web:** shahsahebi.ir

## Professional Summary

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After graduating from high school, I studied industrial engineering at Kharazmi University. Having a programming background and loving statistics made me come to Data Science. Now that I'm getting my master's degree of Industrial Engineering, Systems Optimization from Sharif University which is ranked 1st among Iranian Universities, I study data science and sometimes do small projects in my free time. Right now, my master thesis is "predicting cryptocurrency price based on text analysis."

## Education

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<b>Sharif University of Technology</b>	<b>Master of Science in Industrial Engineering, Systems Optimization</b> Thesis Title : Predicting Cryptocurrency Price Based On Text Analysis, supervised by Professor Seyed Taghi Akhavan Niaki, "In progress"	<b>09/2018 – present</b>
	<b>GPA: 4/4</b>	
<b>Kharazmi University</b>	<b>Bachelor Degree in Industrial Engineering</b> Final Project Title: Data mining for a online retail industry	<b>09/2014 – 08/2018</b>
	<b>GPA : 3.53/4</b>	
<b>National Organization for Development of Exceptional Talents (NODET), Tehran, Iran</b>	<b>High school Diploma, Mathematics &amp; Physics</b>	

## Achievements

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National Graduate Study Entrance rank: 19 and 20 and 37 (in each field)

## Work experience

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<b>Ezam Automotive Parts Group (PJS)</b>	<b>Industrial Engineering Intern</b> I worked there as an intern in the strategic management section. After one month of work as an industrial engineer, I decided to turn their process into a web-based program. That project is done, but they didn't buy it due to financial crisis.	<b>07/2018 – 08/2018</b>
<b>A Personal Company</b>	<b>Programmer</b> I worked there to create functional requirements for their side-projects using Laravel (a PHP framework).	<b>08/2016 – 04/2017</b>

## Projects

- Gold Price Forecasting Using Time Series Models
- IoT Adoption for Elderlies, Analyzing the infrastructures that are needed in Iran
- Commissions and Sales Targets Under Competition Using Game Theory
- Simulating the way Virgool.com ( a Persian website that works like medium.com) categorizes its post automatically
- Sentiment analysis of tweets about Keanu Reeves on Twitter.com
- Predicting the price of books on fidibo.com ( a book service like Amazon) with data mining
- Find the optimum time to suggest call back to customers of Alibaba.ir (a booking service) when they call Alibaba support team using data science and OR
- Nurse scheduling using quick-response methods

## Skills

Data		Industrial Engineering	
Data Analysis	Professional	Time Series Analysis	Professional
Machine Learning	Professional	Project Management	Limited
Neural Network	Professional	Digital Marketing	Limited
Text Mining and nlp	Professional	BizAgi	Limited
		GAMS	Limited
Web Development		Programming	
PHP	Professional	Python	Full
JavaScripts	Limited	MATLAB	Elementary
Laravel	Professional	RapidMiner	Limited
		R	Limited
		PHP	Professional
		Laravel	Professional
Stock			
Day Trading	Limited		
Stock Technical Analysis	Professional		
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## Certificates

### IELTS

Band Score : 7

Listening : 7   Reading : 8   Writing : 6   Speaking : 7

### GRE

Verbal Reasoning : 148   Quantitive Reasoning : 170

- coursera**   **Introduction to Data Science in Python**
- coursera**   **Applied Machine Learning in Python**
- coursera**   **The Data Scientist's Toolbox**
- coursera**   **Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning**
- coursera**   **Applied Text Mining in Python**
- coursera**   **Machine Learning by Stanford University**

## Certificates

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Udemy	Deep Learning A-Z™: Hands-On Artificial Neural Networks
Udemy	Natural Language Processing with Deep Learning in Python
Coursera	Discrete Optimization
Udemy	Become a Product Manager
Udemy	Mega Digital Marketing Course A-Z:
Udemy	Python for Financial Analysis and Algorithmic Trading
Udemy	Forex Trading A-Z™ - With LIVE Examples of Forex Trading
Datacamp	Supply Chain Analytics in Python
Datacamp	Web Scraping in Python
Datacamp	Time Series Analysis in Python
coursera	Classical Sociological Theory

## Hobbies

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Photography, Cycling, Playing Piano, Reading, Traveling

## Websites

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Personal website : <https://shahsahebi.ir>  
LinkedIn : <https://www.linkedin.com/in/mohammadreza-shahsahebi/>  
GitHub : <https://github.com/mohamadre3a>  
500px : <http://500px.com/mohamadre3a>  
Virgool : <https://virgool.io/@Mohamadre3a>