

#### Skills

## **Programming Languages**

Day-to-Day:

Python

Other:

Swift C++ C C# Java HTML | CSS | JavaScript | Matlab ASL VHDL Verilog Assembly Objective-C ANTLR

## **Packages**

Day-to-Day:

Django REST framework | Hazm NumPy NetworkX SwiftUI Matplotlib

#### Other:

Keras PyQt Telegram Client Telegram Bot

#### **Databases**

Day-to-Day:

SQL Redis

Other:

MongoDB

#### **Tools**

Day-to-Day:

PyCharm | Xcode | Git Postman

Other:

Paw Docker NGINX Xilinx ISE

#### **Operating Systems**

Day-to-Day:

macOS

Other:

Linux | Windows

# **Personality**

16personalities.com/istj-personality

# Alireza**Hosseini**

Al Engineer, Backend Developer

**W** October 23, 1995 alirezatheh.github.io @ alirezatheh@gmail.com github.com/alirezatheh in linkedin.com/in/alirezatheh

# **Education**

## Bachelor of Science (B.Sc.) in Computer Engineering with Al Concentration

Iran University of Science and Technology Department of Computer Engineering

**August 2014 - February 2020** 

Tehran, Iran

Graph-based keyphrase extraction for Persian text under the supervision of Dr. Behrouz Minaei

## Diploma in Mathematics and Physics Discipline

Allame Jafari High School Governmental leading high school

**September 2011 - June 2014** 

Oazvin, Iran

GPA: 19.62/20 = 4/4

# Industrial Experience

# **Backend Lead Developer**

**Bookapo** 

**February 2019 - August 2019** 

Tehran, Iran

- Designing new RESTful Django API for Bookapo clients.
- Leading Bookapo campaign implementions.
- Building Bookapo's ios app and also uploading it to App Store (which is something nearly impossible in Iran due to US sanctions).

#### Mid-level Continuous Integration (CI) Desginer

**Bale Messenger** 

**J**une 2017 - February 2018

Tehran, Iran

- Extending test suite for Android client of Bale Messenger.
- Designing continuous integration for both Android and iOS clients of Bale Messenger.
- Spearheaded internal education initiatives to train colleagues on working with CI and fundamentals of Test-driven development (TDD).

#### Junior Web Devloper

Irsapardaz Pasargad

- May 2016 October 2016
- Tehran, Iran
- Improving Noorbala's performance which was a car dealership website.
- Updaeting and improving ad crawler of Noorbala website. This was one the hardest challenges of the job, because we needed to develop a general crawler to crawl all other car dealership websites.

# Teaching **Experience**

# Teacher's Assistant for Algorithm Design and Analysis (Dr. Mohammad Reza Abbasifard)

Iran University of Science and Technology

September 2016 - February 2017

Tehran, Iran

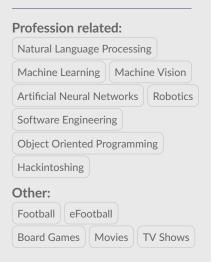
# Teacher's Assistant for Computer Architecture (Dr. Ahmad Patooghy)

Iran University of Science and Technology

September 2016 - February 2017

Tehran, Iran

# **Interests**



# Teacher's Assistant for Data Structures (Dr. Nosratali Ashrafi-Payaman)

Iran University of Science and Technology

**February 2016 - June 2016** 

Tehran, Iran

# Volunteer **Experience**

# Mentor of PyCon Iran 2018

Iran University of Science and Technology

February 2018

Tehran, Iran

#### Mentor of PyCon Iran 2017

Iran University of Science and Technology

**May 2017** 

Tehran, Iran

## Mentor of PyCon Iran 2016

Iran University of Science and Technology

**M**ay 2016

Tehran, Iran

# Lead Question Designer and Mentor of Physics Hockey Tournament

Allame Jafari High School

**January 2013** 

Qazvin, Iran

# Lead Question Designer and Mentor of Mathematics Hockey Tournament

Allame Jafari High School

iii January 2013

Qazvin, Iran

#### **Honors**

#### Certificate of Participation in Senior Level in Chillin Wars 2019

Iran University of Science and Technology Artificial Intelligence Competition

**a** January 2019 - March 2019

Tehran, Iran

#### Ranked Third Place in Senior Level in Chillin Wars 2017

Iran University of Science and Technology Artificial Intelligence Competition

December 2017 - January 2018

Tehran, Iran

#### Ranked First Place in IUST ACM 2017

Iran University of Science and Technology Local Collegiate Programming Contest

February 2017

Tehran, Iran

#### Ranked Third Place in IUST ACM 2015

Iran University of Science and Technology Local Collegiate Programming Contest

**ä** January 2015

Tehran, Iran