



AlirezaHosseini

AI Engineer, Backend Developer

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📍 Iran

Skills

Programming Languages

Day-to-Day:

Python Bash YAML

Other:

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

Packages

Day-to-Day:

Django REST framework NLTK
Hazm NumPy SciPy NetworkX
Matplotlib SwiftUI appium
.NET

Other:

Keras PyQt Telegram Client
Telegram Bot Twitter Client
jQuery

Databases

Day-to-Day:

SQL Redis

Other:

MongoDB

Tools

Day-to-Day:

PyCharm Xcode Git
Postman

Other:

Paw Docker NGINX
Apache Xilinx ISE

Operating Systems

Day-to-Day:

macOS

Other:

Linux Windows

Personality

16personalities.com/istj-personality

Education

Bachelor of Science in Computer Engineering with AI 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

📍 Qazvin, Iran

GPA: 19.62/20 = 4/4

Industrial Experience

Backend Lead Developer

Bookapo

📅 February 2019 - August 2019

📍 Tehran, Iran

- Led a software development Backend team and boosted Backend projects to increase an e-book platform users' conversion rate by 20%.
- Reached out to 97% of non-crashed users by reducing the application's memory usage by 80% by optimizing platform media sizes.
- Ensured reaching out to a 100% increase in the number of users up to 200,000 users and 100% increase in renewal rate by fixing the platform's reported bugs, designing new marketing SDK and leading campaigns implementations.
- Enhanced user experience by configuring push notifications globally for applications.
- Improved server's maintainability by designing new RESTful API (DRF) and new database (MySQL).
- Reached out to a 40,000 of iOS users by platform's iOS app (React Native) by building iOS version and solving the problems to uploading it to App Store (which is something nearly impossible in Iran due to US sanctions).

Mid-level Continuous Integration Designer

Bale Messenger

📅 June 2017 - February 2018

📍 Tehran, Iran

- Boosted messenger's applications test coverage from 40% to 95% by extending UI test suite (appium).
- Reduced UI test suite execution time by 50% through designing a new continuous integration for both Android and iOS clients of messenger.
- Spearheaded internal education initiatives to train colleagues on working with CI and fundamentals of Test-driven development (TDD).

Junior Web Developer

Irsapardaz Pasargad

📅 May 2016 - October 2016

📍 Tehran, Iran

- Improved a car dealership website (.NET) performance by 30% by refactoring website's controller and reducing its response time.
- Enhanced website's maintainability by updating its admin panel.
- Gained a 500% increase in number of active ads up to 25,000 ads by updating and improving general purpose ad crawler of the website.

Interests

Profession related:

- Natural Language Processing
- Machine Learning
- Machine Vision
- Artificial Neural Networks
- Robotics
- Software Engineering
- Object Oriented Programming
- Hackintoshing

Other:

- Football
- eFootball
- Board Games
- Movies
- TV Shows

Teaching Experience

Teacher's Assistant for Algorithm Design and Analysis (Dr. Mohammad Reza Ab-basifard)

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

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
May 2016 Tehran, Iran

Lead Designer and Mentor of Physics Hockey Tournament

Allame Jafari High School
January 2013 Qazvin, Iran

Lead Designer and Mentor of Mathematics Hockey Tournament

Allame Jafari High School
January 2013 Qazvin, Iran

Honors

Certificate of Participation in Senior Level in Chillin Wars 2019

Iran University of Science and Technology Artificial Intelligence Competition
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
January 2015 Tehran, Iran