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Skills

Programming Languages

Python | Bash | YAML | Swift

Frameworks

Django REST framework | SwiftUI

Twitter Client | Telegram Client

Telegram Bot

NLP

NLTK | Hazm

Visualization

Matplotlib | nxviz | mesa

Data Analysis and Handling

NumPy | SciPy | pandas

NetworkX

Machine Learning

Keras

Testing

pytest

Documentation

sphinx | drf-yasg

Databases

SQL | Redis

Tools

PyCharm | Xcode | Git | Postman

MySQL Workbench

Operating Systems

macOS | Linux

Interests

Natural Language Processing

Machine Learning | Machine Vision

Artificial Neural Networks

Robotics | Software Engineering

Object Oriented Programming

Hackintoshing

Alireza**Hosseini**

Backend Developer

A hard working Backend Developer specializing in Backend principles with over 5 years of architecting and building web applications and optimizing Backend systems performance, passionate about AI.

Experience

Lead Backend Developer

Bookapo

📅 February 2019 - September 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 memory usage of applications 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, desiging new marketing SDK and leading marketing campaigns implementations.
- Enhanced user experience by configing push notifications globaly for applications.
- Optimized 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 publishing it to the 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 the 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

- Worked directly with CTO to find and solve technical issues in a car dealership website (.NET).
- Improved the performance of the website by 30% by refactoring website's controller and reducing it's response time.
- Enhanced website's maintainability by updating it's admin panel.
- Achieved a 500% increase in the number of active ads up to 25,000 ads by updaeting and improving general purpose ad crawler of the website.

Education

Bachelor of Science in Computer Engineering with AI Concentration

Iran University of Science and Technology   Department of Computer Engineering

📅 September 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