Ali Soltani Nezhad

Backend Developer/Data Scientist

Shiraz, Iran | +989178361517 | alee.soltani@gmail.com

alisoltani.ir

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Work	experience

Software Engineer - Backend Developer

Asr Gooyesh Pardaz - Tehran, Iran

- Romand Chatbot Web/Backend Technical Lead

- Linux Server Administration and Management

Data Analyst

Shiraz University

Deep Learning, Sentiment Classification

BI SQL Developer

Shiraz University

Business Intelligence Project

Freelance Software Developer

Self-employed

Freelance Software Developer

Education

MSc.

Shiraz University

Computer Software Engineering

B.Eng

Hamadan University of Technology

Computer Hardware Engineering

Other Skills

Deep Learning

- worked with multiple models
- Currently working on RNN and CNNs with attention layers.

Linux Administration and Maintenance

Finished LPIC-1 Course from South Industrial Management Institute (Iran) (simi.ir)

License No. 2747-8328-4852-2155

Unity 2D Game Development

C# Scripting

Finished multiple courses on game development using Unity.

Programming Skills

Python - Django

- Experienced Django Developer
- Design and Implement REST APIs

- Database Design
- Keras-Pandas-...

C/C++

2019-01 - Present

2017-07 - 2019-09

2017-07 - 2018-01

2012-01 - Present

2016 - 2019

2012 - 2016

Multi-threaded Programming

Cryptography

OpenMP/MPI

Meta-heuristic algorithms

SQL and Data Extraction

Business Intelligence SQL Development

Experience (6 mo.)

C#

Game Scripting in Unity

Windows app development

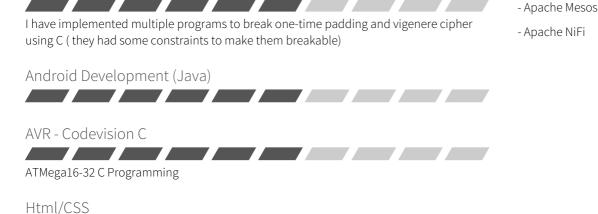
Java

Android Development

Core Java Development

Technologies

- Django
- REST APIs
- Deep Learning
- Keras
- Apache Zeppelin
- Apache Spark
- Apache Hadoop/HDFS
- Apache Storm
- Apache YARN
- MapReduce



- RDDs

Languages

http://alisoltani.ir

Cryptography

English

Fluent (Native)

I've been studying English from my early childhood up until now and I have work experience in the Tourism Industry.

Portfolio

- As for my MS project I've worked on Sentiment Analysis on Text Data from Social Networks. In this project, I've used Deep Learning to train a classifier. In these couple of years I've studied and worked with different BigData handling and processing systems like Apache Hadoop, Apache Spark, Apache Zeppelin and I have experience working as a Business Intelligence SQL developer for 6 months. I also Studied Text Mining, Neural Networks, Multithreaded and Multiprocessor application development, Advanced Algorithms and Software Architecture.

I've also implemented multiple Meta-heuristic algorithms in C++ for the OPHS Problem (available on my GitHub).

- In my Bachelor years I was much into Cryptography and I loved the mathematics and probabilities that we had to work with to encrypt/decrypt data. I passed a Cryptography course on Coursera.org taught by prof. Jonathan Katz, which was from the University of Maryland. I've also built a small AVR module that could be integrated into other devices to do stuff based on the temperature of that place. I also made two games as course projects, one was a simple game like tic-tac-toe using BGI in C, and the other one I made using Handles in C++ to deliver a multithreaded score, game and time system to the user.
- As for my BS project, I developed a chat application for android using Java. (available on my GitHub).
- I have also implemented two algorithms to break one-time padding and Vigenere cipher encryption algorithms with few constraints (available on my GitHub). In the case of one-time padding, the constraints where a must to make the breaking possible.
- I've also made a 2D Endless Runner game using Unity (available on my GitHub).