

Ali Soltani

Data Analyst at Shiraz University

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alisoltani.ir

Work experience

Data Analyst Shiraz University Data Analyst	2017-07 - Present
BI SQL Developer Shiraz University Business Intelligence Project	2017-07 - 2018-01
Freelance Software Developer Self-employed Freelance Software Developer	2012-01 - Present

Education

MSc. Shiraz University Computer Software Engineering	2016 - Present
B.Eng Hamadan University of Technology Computer Hardware Engineering	2012 - 2016

Other Skills

Linux Maintenance (LPIC -1)


Finished LPIC-1 Course from South Industrial Management Institute (Iran) (simi.ir)
License No. 2747-8328-4852-2155


Apache Zeppelin



Unity 2D Game Development



C# Scripting
Finished two Lynda courses on game development using Unity.

Cryptography


I have implemented multiple programs to break one-time padding and vigenere cipher using C (they had some constraints to make them breakable)

Programming Skills


C/C++


Multi-threaded Programming
Cryptography
OpenMP/MPI


Java


Android Development
Core Java Development


SQL and Data Extraction


Business Intelligence SQL Development
Experience (6 mo.)

Python


- Moderate knowledge of Pandas
- Audited a course on NLP with python

C#


Scripting in Unity
WF app development
Passed a course in Shiraz University (100/100)

Familiar with

- Apache Spark
- Apache Hadoop
- Apache Zeppelin
- Apache Storm
- Apache YARN
- MapReduce
- RDDs
- Apache Mesos
- Apache NiFi

Android Development (Java)



Machine Learning



Basics

AVR - Codevision C



ATMega16-32 C Programming

Html/CSS



<http://alisoltani.ir>

Languages

English



Fluent (Native)

Portfolio

- As my MS project I am currently working on Emotion Analysis on Textual Data from Social Networks. I am working on the Sentiment140 dataset of tweets(available on Kaggle.com) and I'm going to evaluate and take use of machine learning algorithms and the social network of the person available to us, to discover more about human emotions and influences on it. In these two 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. I also Studied Text Mining, Neural Networks, Multithreaded and Multiprocessor application development, Advanced Algorithms and Software Architecture.

I have 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 decode data. I passed a Cryptography course on Coursera.org taught by prof. Jonathan Katz, which was from the University of Maryland. But unfortunately, because of the OFAC Sanctions, I could not get a degree for it. I 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 my BS project, I have developed aWiFi chat application using socketsfor android. (available on my GitHub).

- I have coded two algorithms to break one time padding andVigenere cipher encryption algorithms with few constraints (available on my GitHub).

- I have made a 2D Endless Runner game using Unity (available on my GitHub).