Ali Soltani

Data Analyst at Shiraz University

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Work experience

Data Analyst   2017-07
Shiraz University
Data Analyst

BI SQL Developer   2017-07 - 2018-01
Shiraz University
Business Intelligence Project

Freelance Software Developer   2012-01
Self-employed
Freelance Software Developer

Education

MSc.   2016 - Now
Shiraz University
Computer Software Engineering

B.Eng   2012 - 2016
Hamadan University of Technology
Computer Hardware Engineering

Other Skills

Linux Maintenance (LPIC -1)

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 two Lynda courses on game development using Unity.

Apache Zeppelin

Android Development (Java)

Cryptography

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)

I Know the basics pretty well.

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

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 Basics, 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 a WiFi chat application using sockets for android. (available on my GitHub).

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

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