ÁLVARO SÁNCHEZ

DATA ANALYST & VISUALIZATION ENGINEER

PERSONAL INFORMATION:

🏠 Madrid
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EMPLOYMENT

SEPTEMBER 2013 - PRESENT

Telefónica Investigación y Desarrollo (R&D)
Data Analyst & Data Visualization Engineer

- Analysis of data to get insights by means of Hadoop, Hive, MapReduce and other Big Data technologies.
- Development of visualization solutions using Python, Javascript and ElasticSearch.
- Main focus on mobility, social network analysis, web profiling and data visualization.
- Assistance to the Business Intelligence team with our software and tools.
- Experience in Agile development cycles.
- Support in Quality Assurance related tasks (test design and automation).

APRIL 2012 - JULY 2012

International Office - Universität Paderborn (Germany)
Assistant Scholar

Three-month internship, assisting in the activities and services of the international Office aimed at the exchange students, such as cultural trips and integration events.

PROFESSIONAL SKILLS

Kibana
Testing Git MapReduce Sonar MatLab
Robotium XML MongoDB Python Photoshop
d3.js Java Selenium CSS
Selendroid RESTful APIs Jira
JavaScript ElasticSearch JSON
MySQL Scala HIVE Android
Jenkins Test Automation HTML
PHP C Bash
Hadoop R

PERSONAL SKILLS

Languages

🇪🇸 Spanish
🇬🇧 English (C1/C2)
🇩🇪 German (B2)

Clean Driving License

Music

Two years in a conservatory and five years in a school. Classic guitar.

Drawing and Painting

7 years at an art academy.

EDUCATION

JANUARY 2015 - NOVEMBER 2015

Master in Statistical Learning and Data Mining
Universidad Nacional de Educación a Distancia

Technologies for the analysis and processing of Big Data. Leading methods and algorithms for Data Mining, including text and web mining.

OCTOBER 2013 - JULY 2014

Master in Professional Development
Universidad de Alcalá

Project management and productivity, communication skills, business and finance and their legal aspects.

SEPTEMBER 2013 - OCTOBER 2013

Campus TID 2013 - Technological Training
Telefónica I+D & Universidad Francisco de Vitoria

SEPTEMBER 2009 - JULY 2013

Bilingual Bachelor's Degree in Telematics Engineering
Universidad Carlos III de Madrid & Universität Paderborn

Technologies related to communication networks and telematic applications and services. Design and development of applications and electronic circuits.

> 12 months of Erasmus Intership in Germany

> In the top 5 tof the graduating class. Mean Grade: 7.4/10

> **Bachelor's Thesis**: *Advanced Classification System for the Estimation of the Gender, Age and Type of User on Twitter*

COMPLEMENTARY TRAINING

Business Skills
Universidad Francisco de Vitoria

Community Training Experience
Hedima Group

Python Advanced
Python and MapReduce
Testing RESTful APIs in Python
Telefónica I+D

M102: MongoDB for DBAs
MongoDB University

Intro to Hadoop and MapReduce
Udacity

Webinar: Intro to ElasticSearch
ElasticSearch

Functional Programming Principles in Scala
Coursera

Try R
Code School

HACKATHONS & COMPETITIONS

Business.Init()

1º

As part of the MadData Datathon. It shows demographic statistics, competitors and related business on a map, helping a future entrepreneur decide the perfect location for his/her business.

http://business.thebitisland.com

San Fermin: BullRuns Insights

2º

As part of the hackSanFermin Datathon. Several visualizations and insights about the bullruns and their history.

http://alvarosperez.github.io/sanfermin/

Emertech

1º

Solidarity hackathon with RedCross. Several modules for the Emertech emergency assistance platform for Google Glass.

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