

Boris Cabrera Barandica

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Residence in Spain

WORK EXPERIENCE

Nov 2017 - Hoy

Data Analyst – Management Solutions (Madrid, Spain)

Application of Machine Learning and Advanced Analytics to the Financial Industry. Control of versions and finding solution to a complex problem.

Sep 2016 - Sep 2017

Independent Consultant – (Madrid, Spain)

Working as data analyst, mainly for environmental projects.

Oct 2013 - Dec 2015

Project's Consultant – Universidad Javeriana Consultant's, (Cali, Colombia)

Specialist as data analyst and/or coordinator, in several project of environmental assessment of middle to large size (from 15 to 93 man-months). Gathering and managing the data using MySQL RDBMS.

Achievements

- Adapting novel methodology of environment assessment to local contexts
- Cleaning, building proxy variables and finding worthy conclusions
- Management of people, issue's solving and quality control.

December 2017

Python coder – Skansense, (Madrid, Spain)

Made a prototype to analyze satellite's images.

Jan 2012 - Nov 2015

Physics' University Professor – Universidad Javeriana, (Cali, Colombia)

Courses of physics for students of Biology, architecture and engineering.

Sept 2009 - May 2012

Physics Teacher – Plan Talentos, (Cali, Colombia)

Physics' teaching for students of less opportunities to promote their entrance in the University.

Aug 2008 - Jul 2011

Physics' University Professor – Universidad del Valle, (Cali, Colombia)

Courses and laboratory's practices for students of engineering.

EDUCATION AND TRAINING

- Sep 2017 - Jul 2018 **Master Big Data Technologies and Advanced Analytics** – Universidad Pontificia de Comillas. Covering the most fundamental technologies, like Hadoop, Kafka, R. And the tools of Advanced Analytics: machine learning tools (Random Forrest, Neural Networks, etc...), statistical foundations, visualization and tools to explore non-structured data. Practice in Industry using ML.
- Feb - Mar 2017 **Big Data: Data Analysis with Python** – Universidad Complutense de Madrid
- Mar 2016 **PRINCE2 Project Management Certification, Practitioner level**
Check in <https://www.axelos.com/successful-candidates-register>
with Candidate Number 9980034978004194
- Jan 2006 - Jul 2013 **Master in Physics** – Universidad del Valle, (Cali, Colombia)
Computational Modelling, using optimization by gradient descent.
- November 17 2016 **European Homologued Physics' Bachelor** – Spain Government.
- Mar 2003 - Dec 2005 **Studies in Theoretical Physics**– Universidade Estadual Paulista, IFT (São Paulo, Brasil). Subjects included: Quantum Field Theory, Classic Field Theory and Advanced Mathematics.
- Jul 2006 - Mar 2003 **Bachelor in Physics**– Universidad del Valle, (Cali, Colombia)
Final work of modelling of chaotic regime in the simulation of a CO₂.

PERSONAL SKILLS

- Languages **Spanish** – Native
English – Advance level, C2, Certificación EFSET (2016).
Portuguese – Intermediate level, 2 years living in Brazil
- Communication skills Experience presenting a board kind of topics in several formats. Verbal and written communication skills learned by 8 years of teaching work.
- Organizational/managerial Management of teams focused in the results and small finances in projects. I'm methodic in the planning, execution and prioritizing of tasks. Knowlegde of GDPR implementation.
- Computer skills Proficient in Python, R, MATLAB, Excel and MySQL. Knowlegde in Hive, Cloudera Manager, Flume, Spark (PySpark), Kafka, Solr, Sqoop and Shell Scripting.