Ricardo Segundo

Data Scientist

(Python/Qlik/SQL)

Environmental/Chemical Engineer

github.com/RicSegundo

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8125, Kanton Zürich

Experience

Data Scientist / Data Analyst, Nispera AG

MARCH 2019 – PRESENT (2 YEARS & 1 MONTH);   ZÜRICH, SWITZERLAND

Operating with renewable assets (Wind/Solar) data, the objective is to provide actionable insights to the costumer that can ultimately be turned into productivity gains, through:

- ETL of structured and unstructured data
- Work on exploratory data analysis for decision support
- Build and maintain dashboards, visualizations & analysis for recurring and ad hoc analytics
- Automatic Reporting
- Performance Assessments

Site Manager / Senior Site Manager, Atlantis

MARCH 2017 - JUNE 2018 (1 YEAR & 3 MONTHS),   PORTUGAL/USA

- Supervise operations in 12 cities across the country
- Directly manage a team of 14 Site Managers
- Business Development & Procurement (both with C-level Hospital Administration as with multiple service providers)
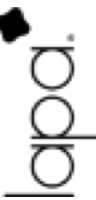
Business Development & Operations, Lapa

AUGUST 2013 - FEBRUARY 2017 (3 YEARS & 7 MONTHS);   PORTO, PORTUGAL

- Business Development and Procurement
- Design of an innovative logistic process, that allowed the company to save ca. 0.3M€/year in custom fees
- Design and implementation of shipping and billing systems
- Design and implementation of the Customer Support program

Key Account Manager, Weissbeerger (ABInBev)

AUGUST 2015 - FEBRUARY 2016 (7 MONTHS);   PORTO, PORTUGAL

- Coordinate IoT hardware installation on 10 sites across multiple cities in northern Portugal
- Key Account Manager of 8 clients
- Customer Training – company IT tools and Mobile App

Leonardo Da Vinci research fellow, UAB

AUGUST 2007 - MARCH 2008 (8 MONTHS);   BARCELONA, SPAIN

- Fellow researcher supported by an EU Leonardo Da Vinci Grant.
- Developed a novel continuous flow analytical microsystem
- Data mining and visualization of experimental data

Skills

- Python
- Qlik
- SQL
- Statistics
- Machine Learning
- Data Mining
- Reporting
- Visualization

Languages

- English (C2)
- Portuguese (native)
- Spanish (B2)
- German (A1)

Education

Data Science and Engineering, Bootcamp

Propulsion Academy, Zürich (Switzerland)

NOVEMBER 2018 TO FEBRUARY 2019

- Data munging, experimental design and bootstrapping using R, Python, NumPy and Pandas
- Machine learning projects using Scikit-learn/Python
- Text mining, language and topic modeling projects using NLTK
- Data visualization and graphic design using Matplotlib, GGplot2, Seaborn and Dash

Chemical Engineering, PhD (incomplete)

Universidade do Porto, Porto (Portugal)

APRIL 2011 TO AUGUST 2016

Environmental Engineering, 5yr Degree + MSc

Universidade Católica, Porto (Portugal)

AUGUST 2003 TO JUNE 2008; SETEMBER 2008 TO FEBRUARY 2010