Ricardo Segundo

Data Scientist/Data Analyst

in the Compliance space

Environmental/Chemical Engineer

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8634, Kanton Zürich

Experience

Project Manager, Credit Suisse (WM Compliance)

NOVEMBER 2022 – PRESENT;   ZÜRICH, SWITZERLAND

Responsible for the Data & rule-based algorithm design themes on a regulatory driven AML project for periodic client reviews.

- Define sensible analysis parameters, perform root cause analysis of identified issues or risks
- Obtain, validate and prepare accurate data to be presented at Senior Management (SM) committees (Managing Director level). Serve as a technical specialist on the aforementioned meetings
- Drive change and enhancements to the client reviews tool, collecting user and SM feedback, and "translating" it to the technical implementation teams, in a *quasi* Requirements Engineer role
- Automatize weekly/fortnightly/monthly reporting for all of the client reviews team reports

Data Engineer / Data Analyst, Credit Suisse (Compliance)

OCTOBER 2021 – OCTOBER 2022;   ZÜRICH, SWITZERLAND

Working on Compliance IT, modeled data to surface populations of clients that pose risk to the bank. Insights from analyses were presented to stakeholders across multiple divisions, with the ultimate goal of reducing regulatory risk.

- Responsible for the data gathering/preparation for the project focusing on the riskier client population of the bank
- Ad hoc analytics for regulatory driven projects/audits

Data Scientist / Data Analyst, Nispera AG

MARCH 2019 – SEPTEMBER 2021 (2 YEARS & 7 MONTHS);   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 & Asset Performance Assessments

Site Manager / Senior Site Manager, Atlantis

APRIL 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

SEPTEMBER 2013 - APRIL 2017 (3 YEARS & 8 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

Skills

- AML
- KYC
- Client Reviews
- PEP
- Python/Pyspark
- SQL
- 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 (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