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Daniel Amorim de Oliveira

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Technical Skills

Frameworks: *Hadoop, Spark, AWS, SAS, Microsoft Office.*
Languages: *SQL, Python (NumPy, Pandas, scikit-learn, seaborn, matplotlib), TensorFlow, Tableau, SAS, VBA.*
Other: *Data Science, Data Analysis, Machine Learning, Deep Learning, Credit and Collection Risk, Banking, Marketing.*

Work Experience

OLX Group – *Growth Marketing Data Analyst Specialist*　　　　　*Lisbon, PT | Oct 2019 – Present*

- Data Analyst Specialist focused on quantitative Growth and Marketing analyses (Strategy, Acquisition, Engagement, Performance, CRM, Branding).

C6 Bank (Digital bank) – *Lead Data Scientist*　　　　　*São Paulo, BR | Sep 2019 – Oct 2019*

- Lead Data Scientist focused on credit and collection.

Uber (Technology) – *Marketing Insights Manager - Data Scientist*　　　*São Paulo, BR | Dec 2018 – Aug 2019*

- Analyze user behavior and generate insights that drive marketing and business strategy.
- Design experiments, models and dashboards, analyzing and interpreting the results.
- Choose the proper KPI, implement and analyze impacts of market strategies, including A/B tests and causal impact for online and offline campaigns.
- Present and report findings to senior Brazil and LatAm management, working close to the research team.
- Co-lead Uber Brazil analytical employees group; Lead promotion of LGBTQIA+ inclusion and diversity at Uber.

Itaú Unibanco (Banking) – *Sr. Data Scientist*　　　　　*São Paulo, BR | May 2017 – Dec 2018*
Data Scientist　　　　　*São Paulo, BR | Apr 2014 – Apr 2017*

- Data Scientist focused on credit, collection, and financial analysis. Using datasets of hundreds of millions of rows and tens of thousands of features, delivering a profit of tens of millions of dollars per year.
- Experience in creating credit dashboards, models, business policies and implementation of Economic Capital (PD, EAD, LGD).
- Responsible for making standard and non-standard studies/models in Python, SQL, SAS and Spark languages using Machine Learning techniques such as Logistic Regression, K-Means, Decision Trees, Gradient Boosting, Random Forests, Deep Learning (TensorFlow and Keras).
- Studies and models using Relationship Networks graphs to predict credit, fraud, customer behavior, etc.
- Delivery end-to-end analytical process (from framing the problem to communicating the results).

Banco Votorantim (Banking) – *Risk Audit Analyst*　　　　　*São Paulo, BR | Jun 2013 – Apr 2014*

- Risk Audit Analyst of Models and Processes.
- Internal Audit, compliant with standards of the Central Bank of Brazil, implementing ICAAP, seeking to adopt internal models for capital allocation (Basel II).
- Examination and testing of substantive and quantitative risks and compliance: policies and strategies for risk management systems to measure, monitor and control exposure to risk; Regulatory and Economic Capital Models; documentation and reporting.

EY (Accounting/Consulting) – *Business Analyst*   *São Paulo, BR | Oct 2011 – Jun 2013*
(Advisory)

- Financial Market Business Analyst.
- Advisory in Basel II subjects.
- Responsible for the independent calculation of Mark to Market (MtM) of Derivatives (Futures, Forwards, Swaps and Options), NDFs, Debentures, Bonds (among others) of many companies and banks. In addition, conducting sensitivity analysis, formulation of worksheets for calculation and revision of calculation methods, always seeking the best practices.

Education

Coursera - *Deep Learning Specialization*   *Feb 2018*
Udacity - *Machine Learning Engineer Nanodegree*   *Oct 2017*
edX - *XSeries Program Data Science and Engineering with Spark*   *Sep 2016*
Universidade de São Paulo (USP) - *MBA in Financial Engineering*   *Dec 2015*
Universidade de São Paulo (USP) - *Bachelor of Science in Physics - Qualification in*   *Dec 2012*
Astronomy

Languages

Portuguese   *Native*
English   *Fluent*
Spanish   *Intermediate*