

BRUNO BARIOTTO

TRADER · ENGINEER · DATA SCIENCE

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MU · UNICAMP - University of Campinas · [Graduated]

Campinas - SP, Brazil : 2014 - 2019

B.SC. IN CONTROL AND AUTOMATION ENGINEERING

Skills :

C, C++, Python, R, JAVA, Matlab, VHDL, Assembly

• Python Jupyter Notebook, PyCharm, Spyder, Anacondas, Pandas, Numpy

• Microsoft Office : Excel, VBA, Power Point, Outlook

Tools :

• Machine Learning : SKLearn, Keras, StatsModels, PyBrain

• Time Series : forecast, fpp2, readxl

Experience

Position 1: OTC derivatives Trader:

at EDF Man Capital Markets

Jan 2019 - now

- In charge of Wheat, Corn and Sugar Trading books: Dynamically hedge
- Pricing, Trading, Hedge, and Book OTC structures for customers and global sales team on Softs, Ags and Energy : Strips, Vanillas, Barriers, Compo ...
- MM in low liquidity markets, offering bid and offer for Wheat and Corn Matif Options to outside brokers and sales team
- Technology: Improving and generating new tools, controls, lowering operational risks, creating PL Reports (excel/VBA/Matlab/Python)
- Statistical and prediction models (Random Forest, Time Series, Regressions, ...) to find opportunities for Prop Trading and better hedge / price positions

Position 2: Partner Manager

at Indatex Ind. de Art. Têxteis LTDA

Jan 2012 - 2019

- Customer service and suppliers
- Buy and sell. Payments and Receiving
- Invoices. Generation and analysis of reports
- Structuring the automation of industrial machines. Application of Hydraulic and Pneumatic Drives, Motors and contactors relay, converters, switches ...
- Administration and active prospecting of customers

Projects

Impressive Python : Process Automations, Web and Data Science - Market

Summer 2020

Application

- General learning with practical applications in different cases and areas: Machine Learning, integration web, excel, outlook, APIS Json, Finance, ArcGis, Power BI and websites creation

Time Series and Predictive Analysis : R and Python

Fall 2020

- Structure and characteristics of a time series, evaluation of Trend, Seasonality and Noises. Prediction application using Exponential Smoothing, Holt Winters, ARIMA, ...

Statistics for Data Science and Machine Learning : Python

Fall 2020

- Population and Sample, Distribution of statistical frequencies, measures of position and dispersion, probability, confidence interval and hypothesis tests, Correlation, Regression, decision trees, SVMs, Clustering, ...

Additional Informations

- Lattes: <http://lattes.cnpq.br/2390101223368633>
- Git: <https://github.com/brunobariotto>
- Languages: English (Advanced), Spanish (intermediary)