BRUNO VILELA

CONTACT

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EDUCATION

Bachelor of Computer Science
Federal University of Alfenas
Alfenas, Brazil | 2021

TECH

- NodeJS, Python, C/C++, Java
- Databricks
- Azure
- Google Cloud
- AWS
- PowerBI, Metabase, Google Data Studio
- Storytelling
- MongoDB, MySQL, PostgreSQL
- Pandas, SciKit, Numpy, Spark
- Problem Solving
- LightGBM, XGBoost, CatBoost
- Keras, Pytorch, Sagemaker e Tensorflow
- Docker, Kubernetes
- Deep Learning
- Machine Learning
- Puppeteer, Web Crawler
- Data Mining
- English, Spanish, Portuguese
- Linux

MODELLING

- LTV, CAC
- Markov Chain
- Linear Programming
- Cluster analysis
- Regression
- Classifiers
- Price elasticity
- Optimization
- Churn
- Time Series
- LSTM, CNN, RNN
- GB
- Genetic Algorithms

AWARDS

Data Science Game 2018 4th Place
Data Science Game | Paris - France | September 2018
- Identify if a customer will finish his acquisition on e-commerce.

KDD-BR 2018 2nd Place
KDD-BR | São Paulo - Brazil | August 2018
- Forecast palm oil harvest productivity.

Santander Customer Transaction Prediction Top 3%
Kaggle Competition | Kaggle | April 2019
- Identify which customers will make a specific transaction in the future, irrespective of the amount of money transacted.

EXPERIENCE

Research Intern
Smarttbot | Belo Horizonte - Brazil | July 2018 - December 2018
- Data Science techniques to create robots for quantitative trading
- Helps Business Intelligence team with analysis to reduce churn

Research Intern
OptiRisk | London - England | August 2018 - August 2018
- Investigate deep learning methods to classify and thereby 'predict' short term extreme market movements.

Researcher Assistant
Federal University of Alfenas | Alfenas - Brazil | March 2018 - April 2020
- Data Science Techniques to solve real world problems, using mainly python
- Investigate optimization models to apply on market

Data Engineer
Banco Daniele | São Paulo - Brazil | April 2020 - Feb 2021
- Data Scraping
- Data Mining
- Docker architectures

Data Scientist
Vertem | São Paulo - Brazil | May 2021 - Now
- Statistics Model`s
- Linear Model`s
- Machine Learning
- Deep Learning