

BRUNO VILELA

CONTACT

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EDUCATION

Bachelor of Computer Science

Federal University of Alfenas
Alfenas, Brazil | 2021
Coursework: Intro. To Machine Learning, Intro. To Artificial Intelligence, Probability, Theory for Data Science, Principles and Techniques of Data Science, Data Structures, Probability and Mathematical Statistics in Data Science, Foundations of Data Science, Computational Structures in Data Science, Linear Algebra, Optimization Models

SKILLS

- NodeJS, Python, C/C++, Java, PHP
- Laravel, CodeIgniter, Symfony, Django
- MongoDB, MySQL, PostgreSQL
- Pandas, SciKit, Numpy
- Problem Solving
- LightGBM, XGBoost, CatBoost
- CPLEX
- Docker, Kubernetes
- Tesseract
- TensorFlow, Keras
- ReactNative, Angular
- Statistics
- Puppeteer, Web Crawler
- Data Mining
- HTML, CSS, Bootstrap
- Wordpress, OpenCart, WooCommerce
- English, Spanish, Portuguese
- Linux

INTERESTS

Travel, Play Guitar, Reading, League Of Legends, Cycling, Music, Astronomy, Entrepreneurship, Natural Language Processing, Leadership, Statistics, Culture, Camping, Coffee, Data Science

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

Short 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

Web/Android Developer

Freelance | Alfenas - Brazil | May 2016 - February 2018

- Write code fixes, tools, API and CRUD's to solve problems using PHP, NodeJS, Python
- Optimizing code for stability, functionality, scalability, speed