DANIEL PEREIRA

@ danielpereira03@gmail.com akangatu.io

EXPERIENCE

Data Scientist
Cielo S.A. - Business Analytics & Big Data

01/2018 - Ongoing Barueri, SP, Brazil

- Designed a classification model to predict costumer churn using Python and Gradient Boosting. Worked alongside the retention team analyzing the operation and making it more efficient
- Disseminate a data-driven culture through workshops and training

Data Analyst Intern
Itaú-Unibanco - CRM Modeling

01/2017 - 07/2017 São Paulo, SP, Brazil

- Designed a model to predict account churn using Python and SAS
- Automated all manually executed models that had to be ran monthly in SAS, saving a week of work every month.

Business Analytics Intern
Cielo S.A. - Business Analytics & Big Data

03/2016 - 10/2016 Barueri, SP, Brazil

- Designed an algorithm that increased the accuracy of classifying stores and its shopping center and reduced the process time by 15%
- Developed studies for external clients modeling costumer profile, share of wallet and others. Used SAS to manipulate the data and Tableau for the dashboards

Subsea Hardware Engineer - Summer Intern
Shell International Exploration and Production Inc.

05/2015 - 08/2015 Houston, TX, USA

- Saved ~$60M and a years' lead time by proposing a method to repurpose existing heavy equipment instead of buying new as spec proposed
- Developed a tool to ensure our subsea hardware was well preserved

EDUCATION

B.S. Industrial Engineering
Universidade Estadual de Campinas

01/2012 - 12/2018 Limeira, SP, Brazil

Exchange Student - Industrial Engineering
Purdue University

08/2014 - 05/2015 West Lafayette, IN, USA

ACHIEVEMENTS

Engineers Without Borders

Co-Founded the first chapter in São Paulo, Brazil

LANGUAGES

Portuguese, English Fluent

RESEARCH

Signal Processing with Genetic Algorithms

Blind Signal Separation on finite fields code in C. Professors: LT Duarte and DG e Silva

Machine Learning in Manufacturing Processes

ML techniques to optimize manufacturing processes using Python. Professor: CD Rocco

TECHNOLOGIES

Software & Libraries

SAS **Tableau** **Keras** **XGBoost**

Programming Languages

Python **SQL** **C** **Java**

VOLUNTEERING

Volunteer Analyst
Teaching Trust

11/2017 - 01/2018

Automated data-collection coding a webscraper