

Daniel JORGE DEUTSCH

Data Scientist

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WORK EXPERIENCE

Kaiko

📅 Sep 2021 - Sep 2022

Data Scientist (Intern)

- Built a deep learning model to detect outliers on live market data.
- Worked with the Spark Big Data frameworks in a Hadoop environment to analyse exchanges' trading volume for the creation of crypto indices.

BTG Pactual

📅 Dec 2019 - Aug 2020

Trading Data Analyst (Intern)

- Developed a serverless framework using AWS to monitor every step of the bank's trading data flow.
- Orchestrated the ingestion and processing of the bank's trading data through the Airflow framework.
- Coordinated a team of developers in creating a platform that queries the bank's database to create and visualize KPIs and OKRs.

Poli Júnior

📅 Apr 2017 - Dec 2019

Tech Leader

- Led a group of developers into the creation of a mobile application.
- Structured and lectured a two-month course on the company's technology stack for new and inexperienced employees.

EDUCATION

Master M2 Finance, Data, Technology

📅 2021 - 2022

Paris 1 Panthéon-Sorbonne

Emphasis: Machine Learning, Econometrics, Asset Pricing, Risk Management.

Engineering Degree

📅 2020 - 2022

Télécom Paris - Institut Polytechnique de Paris

Emphasis: Artificial Intelligence and Quantitative Economics.

Bachelor's Degree in Electrical Engineering

📅 2017 - 2022

Escola Politécnica - Universidade de São Paulo

Emphasis: Automation and Control.

ADDITIONAL EDUCATION

Technology and Innovation Strategy

📅 Nov 2020

Mines - ParisTech

Cryptofinance

📅 Aug 2019

Fundação Getúlio Vargas (FGV)

RELEVANT PROJECTS

Effects of Social Media Bots on the Crypto Market

📅 Aug 2022

Sentiment Analysis, Bot Detection, Deep Learning, Unsupervised Learning.

User Data and Amazon's Products Recommendations

📅 Jun 2021

Data Scraping, Cookies Manipulation, Statistical Analysis.

Effects of the Interest Rate on the Brazilian Stock Market

📅 Apr 2021

Time Series, Regression Analysis.

Analysis of Restaurant Competition in Paris

📅 Jan 2021

Data Scraping, NLP, Sentiment Analysis, Regression Analysis.

ACHIEVEMENTS



VO2 FTD Master Thesis Competition, 2022

1st place



BTG Pactual Code Challenge, 2019

1st place



Brazilian Robotics Olympiad, 2016

Silver medal



Kangaroo Math Olympiad, 2016

Silver medal



National Science Olympiad, 2016

Honor mention

LANGUAGES

French

Fluent

English

Fluent

Portuguese

Fluent

Spanish

Intermediate

VOLUNTARY WORK

Amigos da Poli

📅 Apr 2019 - Dec 2019

Assisted in the development and implementation of capital raising strategies for the financing of engineering projects.

SKILLS

Programming

Python SQL C C++

Frameworks

Pandas PyTorch Keras TensorFlow
Scikit Learn Hugging Face Git AWS
GCP PySpark Airflow

Topics of Interest/Experience

Statistics Natural Language Processing (NLP)
Computer Vision Deep Learning
Machine Learning Data Visualization

Soft Skills

Communication Organization Leadership
Hard-Working Creativity Problem-Solving