

DANIEL JORGE DEUTSCH

Data Scientist

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📍 Paris, France

EDUCATION

Master M2 Finance, Data, Technology

📅 Sep 2021 - Now

Paris 1 Panthéon-Sorbonne

📍 Paris, France

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

Master M1 Engineering Degree

📅 Sep 2020 - Jul 2021

Télécom Paris - Institut Polytechnique de Paris

📍 Paris, France

Emphasis: Artificial Intelligence and Quantitative Economics.

Bachelor's Degree in Electrical Engineering

📅 Jan 2017 - Jul 2020

Escola Politécnica da USP

📍 São Paulo, Brazil

Emphasis: Automation and Control.

WORK EXPERIENCE

Kaiko

📅 Sep 2021 - Now

Data Analyst Apprentice

📍 Paris, France

- Built pyspark scripts to analyze the volume crypto market in different exchanges over time in order to automate indices creation.
- Built an LSTM neural network for detecting outliers in the company's streaming service.
- Developed a python library to wrap the company's API.

BTG Pactual

📅 Dez 2019 - Aug 2020

Data Engineer Intern

📍 São Paulo, Brazil

- Orchestrated the execution of the ingestion and processing of trading data through the Airflow framework.
- Developed a serverless framework using AWS services for monitoring the quality of ingested and processed files in the company's trading datalake.
- Automated the communication between the data warehouse containing information over the company's KPIs and OKRs and the framework built for their visualization.

Poli Júnior

📅 Apr 2017 - Dez 2019

Tech Leader

📍 São Paulo, Brazil

- Led a group of five people in the development of a mobile application. Played the role of the interface between the customer and co-workers in order to assure client's satisfaction.
- Structured and developed 2 information systems and 3 mobile applications under the demand of client companies.

ADDITIONAL EDUCATION

Technology and Innovation Strategy

📅 Nov 2020

Mines - ParisTech

📍 Paris, France

Cryptofinance

📅 Aug 2019 - Oct 2019

Fundação Getúlio Vargas (FGV)

📍 São Paulo, Brazil

MIT-Brazil Teaching Lab

📅 Jul 2016

MIT in partnership with Insper

📍 São Paulo, Brazil

RELEVANT PROJECTS

Price Discrimination in E-Commerce Platforms

📅 Jun 2021

Télécom Paris

Effects of the Interest Rate on the Brazilian Stock Market

📅 Apr 2021

Télécom Paris

Analysis of Restaurant Competition in Paris

📅 Jan 2021

Télécom Paris

ACHIEVEMENTS



BTG Pactual Code Challenge, 2019

First place



Brazilian Robotics Olympiad, 2016

Silver medal



Kangaroo Math Olympiad, 2016

Silver medal



National Science Olympiad, 2016

Honor mention

LANGUAGES

Portuguese

Native

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English

Cambridge Assessment C1

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French

C1

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Spanish

DELE B2

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VOLUNTARY WORK

Amigos da Poli

📅 Apr 2019 - Dez 2019

Technology Volunteer

📍 São Paulo, Brazil

- Developed an API to assist the NGO in receiving bank slips and credit card donations.

PROGRAMMING SKILLS

Python

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Tensorflow Keras Sckit-Learn PySpark
Pandas Numpy Scipy Jupyter Matplotlib
bs4

Amazon Web Services (AWS)

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Lambda Cloud Watch EMR EC2 S3
API Gateway DynamoDB RDS Glue
Cloud Formation Redshift ElasticSearch

Softwares and Frameworks

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Git Docker Airflow Firebase NiFi

Other Languages

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C/C++ SQL Java MATLAB VHDL