

DANIEL JORGE DEUTSCH

Digital Engineer

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Paris, France

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 daniel-deutsch.github.io

 daniel-deutsch



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 - 2020

Escola Politécnica da USP

Emphasis: Automation and Control.

WORK EXPERIENCE

Kaiko

📅 Sep 2021 - Sep 2022

Data Analyst Apprentice

- Used deep learning to detect outliers on live market data.
- Worked with Big Data frameworks to analyse exchanges' trading volume for the creation of crypto indices.

BTG Pactual

📅 Dec 2019 - Aug 2020

Data Engineer Intern

- Developed a serverless framework using AWS to monitor every step of the bank's trading data flow.
- Used the Airflow framework to orchestrate the ingestion and processing of the bank's trading data.
- 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.

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, SARIMAX, Linear Regression.

Analysis of Restaurant Competition in Paris

📅 Jan 2021

Data Scraping, NLP, Sentiment Analysis, Regression Analysis.

ADDITIONAL EDUCATION

Technology and Innovation Strategy

📅 Nov 2020

Mines - ParisTech

Cryptofinance

📅 Aug 2019

Fundação Getúlio Vargas (FGV)

ACHIEVEMENTS



BTG Pactual Code Challenge, 2019
Winning team



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

Hard Skills

Python

Machine Learning

Statistics

NLP

Cloud Computing

Big Data

Data Visualization

Predictive Modeling

Git

SQL

C/C++

Strengths

Communication

Organization

Leadership

Hard-working

Creativity

Problem Solving

Hobbies

Guitar

Traveling

Running

Tennis

Soccer