

RODOLFO JOSÉ AMANCIO

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EDUCATION

- University of Campinas (UNICAMP)** *July/2019 - 2022*
Ongoing master of science degree - statistical mechanics and Monte Carlo simulations
- University of Campinas (UNICAMP)** *July/2020 - November/2020*
Post graduation - Complex data mining
- Royal Institute of Technology (KTH), Stockholm/Sweden** *August/2016 - January/2017*
Chemical Engineering for energy and the environment
- University of Campinas (UNICAMP)** *February/2013 - December/2018*
Bachelor's degree in Chemical Engineering

PROFESSIONAL EXPERIENCE

- Albert Einstein Israelite Hospital** **São Paulo, SP**
Data scientist *December/2021 - the moment*
Development of predictive models, classification and clustering, risk stratification, time series forecasting and statistical analysis, aiming to improve decision-making processes on the management of population health care, based on health, social, economical and demographic determinants.
- I.Systems** **Campinas, SP**
Data scientist *April/2021 - November/2021*
Development of predictive models, data clustering and statistical analysis focusing on the problems of demand forecast and production planning. Experience in creating machine learning pipelines, focused on maintaining a scalable and robust product, including implementation on cloud computing platforms (AWS EMR), and data engineering tools (Apache Spark, Airflow).
- Process optimization expert* *October/2020 - March/2021*
- Junior process optimization expert* *July/2019 - September/2020*
- Deployment trainee* *November/2018 - July/2019*
- Deployment intern* *February/2018 - November/2018*
- PPG Industries of Brazil** **Sumaré, SP**
Laboratory intern *June/2017 - February/2018*
Chemical and physical analysis of E-coat paint used in the automotive industry.

COMPETENCES

Languages English (Advanced), Spanish (Basic), French (Basic)
Programming languages Python, R, SQL, C
Tools git, VSCode, Microsoft Office, Jupyter Notebook/Lab, AWS (EMR, SageMaker), Apache Spark/Airflow, Docker

COURSES

Lean Six-Sigma Black Belt Certification, EDTI School, 2019

Python for Time Series Data Analysis, Udemy, with certification

Data Science: Deep Learning in Python, Udemy, with certification

Machine Learning and AI: Support Vector Machines in Python, Udemy, with certification

Deep Learning: Convolutional Neural Networks, Udemy, with certification

Unsupervised Deep Learning in Python, Udemy, with certification

The Complete SQL Bootcamp 2020: Go from Zero to Hero, Udemy, with certification

Using Python for Research, HarvardX, edX, no certification