

João Pereira dos Santos

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📍 Porto, Portugal



EDUCATION

MSc in Chemical Engineering - Processes and Product

Faculdade de Engenharia da Universidade do Porto

📅 09/2015 - 07/2020 📍 Porto, Portugal

Sciences et Technologies: Mathématiques, Informatique, Sciences de la Matière et de l'Ingénieur

Université de Bordeaux

📅 02/2015 - 06/2015 📍 Bordeaux, France

Classes Préparatoires aux Grandes Écoles, Mathématiques Supérieures: Physique, Chimie et Sciences de l'Ingénieur

Lycée Fabert

📅 09/2014 - 01/2015 📍 Metz, France

Baccalauréat Scientifique

Lycée Français International de Porto

📅 09/2011 - 07/2014 📍 Porto, Portugal

MOOC

The Data Science Course 2020: Complete Data Science Bootcamp
365Carrers | Udemy

Statistical analysis; NumPy; Pandas; Matplotlib; Seaborn; Tableau; Machine Learning with stats models and scikit-learn; Deep learning with TensorFlow

Leadership for Engineers TUDelft | edX

Successful leader in a complex, tech-centered world; Developing strategies; "Personal Charter" to guide decisions; Sustainable leadership

Introduction to Artificial Intelligence (AI) Microsoft | edX

Simple machine learning models with Azure Machine Learning; Python and Microsoft cognitive services to work with text, speech, images, and video; Microsoft Bot Framework

Solving Complex Problems TUDelft | edX

Actor analysis; Causal modelling; Goal trees and means-end diagrams; Problem diagrams; Uncertainty; Decision Support; Score cards

EXPERIENCE

Data Analyst Trainee

Amkor Technology Portugal, SA

📅 09/2020 - Ongoing 📍 Mindelo, Portugal
🌐 [amkor.com](https://www.amkor.com)

In-House Physical Failure Analysis and Reliability Software Enhancement Project

MSc Dissertation

Amkor Technology Portugal, SA

📅 02/2020 - 07/2020 📍 Mindelo, Portugal
🌐 [amkor.com](https://www.amkor.com)

Qualitative and Quantitative Statistical Analysis in Copper Electroplating Baths

Summer Internship

Continental ITA, SA

📅 08/2019 - 09/2019 📍 Lousado, Portugal
🌐 [continental-corporation.com](https://www.continental-corporation.com)

Antifoaming Agent Study

PROJECTS

Winner of the 2018 Academic Games of Engineering by AEFEUP

📅 02/2018 - 04/2018
🌐 [aefeup.pt/age/](https://www.aefeup.pt/age/)

Design of a continuous hydrothermal liquefaction (HTL) biomass processing unit for Paralab, SA

LANGUAGES

Portuguese Native

French Proficient

English Proficient

Spanish Advanced

STUDENTS' UNION

Vice President & Sports and Culture
Department Leader

Núcleo de Estudantes de Engenharia Química da FEUP

📅 06/2015 - 06/2018 🔗 web.fe.up.pt/~neeq

SKILLS

Adobe Photoshop CC

Aspen Plus

Cinema 4D

LabVIEW

MATLAB

Minitab

Microsoft Azure

Microsoft Office

Microsoft Power BI

Python

R

SQL

Tableau

VBA

Vegas Pro

ADDITIONAL DETAILS



Data Science Enthusiast

twitter.com/joao96santos/

kaggle.com/joaopereiradsantos/

github.com/joaopereiradsantos/



3x Team Leader at European BEST Engineering Competition Challenge - Team Design

Practical test consisting of the construction of a prototype, with limited materials and low cost, to solve a proposed problem



Team Leader at European BEST Engineering Competition Challenge - Case Study

Analysis of a real-life problem using the information provided to develop hypothetical solutions without building any prototype



Royal Society of Chemistry Affiliated Member

VOLUNTEERING

Homeless Housing
Rehabilitation

Just a Change

📅 10/2018 - 02/2018

Sports Charity Event and
Fundraising

Liga Nacional Contra a Fome

📅 12/2016

SPORTS



Padel Coach 2019 Course - Level I

Approved by Federação Portuguesa de Padel and Instituto Português do Desporto e Juventude



Padel at Top-Padel Industrial

Level II Competition
Participated on the 2018 and 2019
National University Championship



Tennis at Clube de Ténis do Porto

Competitive Level



Football

Interschool and Local Competition



Basketball

Interschool Competition