



Duarte Harris Cruz

Lead Data Scientist with a background in Philosophy and Pol.Sci.

An influential Data Scientist with a record of success leading large-scale data initiatives and delivering results for Governments & Financial companies. I'm passionate about leveraging data to solve business problems and mentoring young Data Scientists, while coordinating and collaborating with cross-functional teams to take projects from inception to deployment.



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SKILLS

Agile

Data Viz

Deep Learning

EDA

Keras

Machine Learning

matplotlib

Neural Networks

NLP

NumPy

Pandas

Python

regex

SciPy

Scrum

Seaborn

sklearn

spaCy

SQL

Tensor Flow



WORK EXPERIENCE

Data Scientist

Axians

09/2020 - Present

Lisbon, Portugal

IT Consultancy, specialised in Government, Finance, and Energy Sectors.

Achievements/Tasks

- Machine Learning Team Leader
- Developed a FAQs Retrieval/Suggestion System
- Text Classification for customer service using CNN's
- Automatic Keyword Extraction using TextRank Graph Techniques & using Part-of-Speech Tagging
- Intelligent Document Automation for Receipts, Invoices, Cheques & Bank extracts using CV2, PIL and shapely
- Mentoring Data Scientist Trainees

Chief Solo Everythinger

padel vision project

12/2021 - Present

AI collected and analysed statistical data on padel.

Achievements/Tasks

- Designing, Developing & Training a Action Recognition system to identify different padel strokes from videos of padel matches as to collect statistics
- Hire & coordinate freelancers to collect videos to train the data on
- Created a pitch deck

Consultant

Present Value

10/2011 - 07/2014

Lisbon, Portugal

Present Value is an investment company dedicated to risk management.

Achievements/Tasks

- Advised the CEO on technology, strategy and productivity
- Created the strategy for an SEO campaign and chose the team to implement it
- Created a team to create an in-house application

Contact : João Costa Reis - +351 211 542 700



WORK EXPERIENCE

General Manager

FORMEDIA - Instituto Europeu de Empresários e Gestores

04/2012 - 03/2014

Lisbon, Portugal

FORMEDIA was a small company founded in 1988 and was the leader in post-Graduate e- Learning in Portuguese speaking countries.

Achievements/Tasks

- Automated and streamlined the marketing and sales workflow
- Implemented a tailored CRM
- Updated the company brand

Contact : Celso Santana - celsosntn@gmail.com +351 912 793 262

Co-Founder & CEO

paradox

09/2013 - 02/2014

Lisbon, Portugal

A small start-up focused on developing a Gamified Team Manager Application.

Achievements/Tasks

- Conceptualized and prototyped the product
- Prepared the business plan
- Secured the funding
- Hired and managed the team

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LANGUAGES

English

Native or Bilingual Proficiency

Portuguese

Native or Bilingual Proficiency

Spanish

Limited Working Proficiency