ÁLVARO MARÍA DIZ
PROJECT MANAGER (DATA SCIENCE)

Brussels
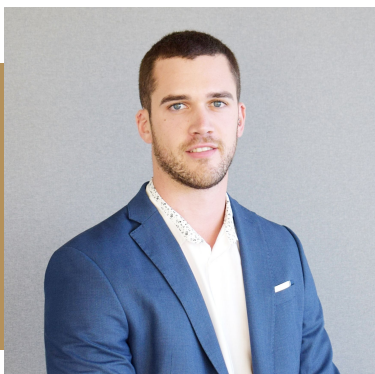BELGIUM

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Creative, team-player and hard-worker industrial engineer, with a broad international experience who is enthusiastic about the synergy between **Digital Transformation** and **Artificial Intelligence**. My goal is to build a career in which I create a positive impact by helping industries solve their most complex problems through state-of-the-art technologies.

LANGUAGES

- SPANISH (NATIVE)
- ENGLISH (C2)
- FRENCH (B2)
- DUTCH (A1)

COMPUTER SKILLS

- DIGITAL TRANSF.
- DATA SCIENCE
- PROJ MANAGEMENT
- AGILE/ SCRUM
- PYTHON
- MACHINE LEARNING
- DATA VISUALIZATION
- R PROGRAMMING
- ML/NLP
- SQL
- ETL/ IOT
- OFFICE 365
- PYSPARK
- CLOUD COMPUTING

REFERENCES

Jeroen De Smet
TOYOTA (2022)

Ivan Kristo
AKKA (2021)

Ángel Montes Frojan
GKN (2019)

Jose Prieto Villar
CTAG (2018)

WORK

R&D ENGINEER @ TOYOTA MOTOR EUROPE
JUL 20 – MAR 23
BRUSSELS, BELGIUM

Role/Objectives
- Development of a Machine Learning tool to analyse customer feedback from tweets.
- Twitter data extraction, Sentiment Analysis, Named Entity Recognition and Topic Modelling.
- Creation of internal insights platform for pull communications using Streamlit.
- TWC Catalyst modelling gap correction using Machine Learning.
- Infotainment system benchmarking of top European electric vehicle competitors.

Key Achievements/Deliverables
- Human Level Performance was achieved for Sentiment Analysis.
- Method for processing the data to leverage different word embeddings (Char, POS and Word).
- Demonstrated that integration between NLP and VoC provides valuable insights for businesses.
- Catalyst model accuracy improved in a 60% by using ML.

DIGITAL CONSULTANT @ AKKODIS
SEP 19 - PRESENT
BRUSSELS, BELGIUM

Role/Objectives
- **Data Scientist/Business Analyst,** developing solutions for client's main pain points.
- Digital Transformation in Life Sciences. **Pharma 4.0**. Market analysis: SWOT, PESTLE.

Key Achievements/Deliverables
- Solution for **Predictive Maintenance** in Air compressors based on Machine Learning.
- **AI Club:** Creation of a **chatbot** with **Machine Learning** capabilities in **Microsoft Azure**.
- Management of **stakeholder engagement** in the different projects.

DIGITAL TRANSFORMATION PM @ GKN DRIVELINE
SEPT 18 – JUL19
VIGO, SPAIN

Role/Objectives
- Industry 4.0 **Project Manager: digitalization**, automation, robotics, **ETL**, **IOT**.
- **Predictive Maintenance** and Anomalies Detection with **Python**.

Key Achievements/Deliverables
- 20.000 € in cost savings per manufacturing line and year.
- **Leadership** and **coordination** of a group of 4 contractors using Agile.

COMPOSITE MATERIALS ENGINEER @ CTAG
MAR 18 – SEP18
PORRIÑO. SPAIN
- CAE Engineer (NASTRAN & ANSYS).

LEAN ENGINEER @ DINAK
FEB 16 – JUL16
VIGO. SPAIN
- LEAN Manufacturing & Key Performance Indicators (KPI).

EDUCATION

CAPM @ PROJECT MANAGEMENT INSTITUTE
NOV 22 – JAN23
PMI
- Certified Associate in Project Management.

MSC IN DATA SCIENCES AND BI @ KSCHOOL
2020 - 2021
MADRID, SPAIN
- Data hacking with **Python** and **R.**
- **Machine Learning, Deep Learning, Natural Language Processing.**
- **Big Data** with **Spark** on AWS & GCP.
- **Relational databases** *(SQL)* with *PostgreSQL*. **Non-relational** *(NoSQL)* with *MongoDB*.
- Visualization with **Tableau.**

INTERNAL TRAINING @ AKKADEMY
SEPT 19 – NOV 20
GENEVA, SWITZERLAND
- **Consulting skills:** problem analysis and statement, business models, agile methods, business case definition.
- Teamwork in 2 **innovation projects**, learn design thinking methodology, innovative business model, focus on user lifecycle experience, cross cultural mindset and collaboration.

MSC IN MECHATRONICS AND INDUSTRY 4.0 @ UVIGO
2018 - 2019
VIGO, SPAIN
- Specialization in **Automation, Robotics, Data analysis** and **Industry 4.0.**

MSC IN INDUSTRIAL ENGINEERING @ UVIGO
2016 - 2018
VIGO, SPAIN
- Advanced studies in **automation, electronics,** electricity, **programming,** and **project management.**
- **ERASMUS** in Luleå University of Technology (Sweden).

BSC IN INDUSTRIAL TECHNOLOGIES ENG. @ UVIGO
2012 - 2016
VIGO, SPAIN
- Multidisciplinary studies in Industrial Technologies.
- Bachelor's thesis in **Project Management** using the **ERP Odoo** and **Android** devices.