

DIEGO MÉNDEZ LANG

Data Scientist

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Data driven person with strong collaborative skills and analytical thinking to find innovative solutions to improve business results. BS in Mechanical Engineering, completing a Masters degree in Big Data Science, acquiring high quality skills in python, SQL and Machine Learning. Experience in both, the medical device industry, being an active member & leader throughout the NPd process; and the IT industry working with Process Mining and Data ETL processes.

EDUCATION

Master in Big Data Science

Universidad de Navarra

- 📅 September 2021 – September 2022 📍 Madrid, Spain
- Students representative before the university's Master board of directors.
 - Project Management workshop on Agile Methodologies.
 - **Python Dash Dashboard** deployed with **heroku** to visualize transactional cryptocurrency data over time.
 - **Tracfone Hackathon** - Competition to classify positively unlabeled data for customer eligibility to a benefits/rewards program assessing different variables and supervised machine learning models.
 - **Master's Thesis** - AIoT Architecture for Smart Gas Metering projects with NB-IoT technology, in collaboration with Telefonica.
 - Implementation of **Microsoft Azure Time Series Anomaly Detector**, with labeled meteorological data as a supervised machine learning algorithm.
 - Development and implementation of **Unconforming Event Detection in Databricks** for Gas Consumption time series, with python algorithm following business metrics.
 - Dashboard generation for **KPI's and Anomaly visualization** through **Power BI**.

B.E. in Mechanical Engineering

Universidad de Costa Rica

📅 March 2015 – October 2020 📍 San José, Costa Rica

EXPERIENCE

Demo Engineer Intern

Celonis

- 📅 January 2022 - August 2022 📍 Madrid, Spain
- Administration of internal Celonis platform's backend and frontend, maintaining demos functionalities across all ends, working remotely with interdisciplinary teams through all continents.
 - Integration of Celonis content to create valuable assets within the company,
 - Developing high profile databases through web scrapping with python.
 - Creating and automating internal demo releases Newsletter.
 - Industry Data extraction, transformation, loading (ETL) and visualization with python as well as R for demo creation.
 - Agile leadership and management in Celonis demos back-up project. Coordination and execution of end to end content migration (dashboard, data models and data transformation) between Celonis's clusters.

EXTRA-CURRICULAR ACTIVITIES

Service

- Community service teaching Nicaraguan refugees'. (August 2018 - July 2019).
- Volunteer in a school rebuild for kids with special needs. (July 2013).

Achievements

- 2021 Boston Scientific Coyo Innovation Challenge Winner.
- Finalist for summer scholarship at NASA's Johnson Space Center (July 2014)

STRENGTHS

- Hard worker
- Adaptive person
- Organized
- Motivator & Leader
- Teamwork
- Customer Service
- Resilient
- Innovative
- Agile Methodologies

SOFTWARE

Python
SQL
Celonis EMS
Tableau, Power BI
MATLAB
Java
R

LANGUAGES

English ●●●●●
Spanish ●●●●●

Process Development Engineer

Boston Scientific

📅 February 2020 – August 2021

📍 Alajuela, Costa Rica

- Worked on process characterization and process validations; planning, executing tests and making decisions based on data driven analysis.
- Member of performance improvement taskforce for Boston Scientific star endoscopy product. Working on Gap Assessments through the creation of Process Risk Analysis (PRA)/Process Failure Mode Effect Analysis (PFMEA) to optimize these processes efficiency and capability.
- Experience working with innovative solutions to engineering problems - **2021 Boston Scientific Coyo Innovation Challenge Winner.**

REFERENCES

Afrida Mahbub

@ a.mahbub@celonis.com

✉ Manager, Celonis Demo Xperience

Marcela Araya

@ Marcela.ArayaFonseca@bsci.com

✉ Manager II, Process Development