



Mauricio Leonardo Rosas Gómez

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EDUCATION

Physicist | Faculty of Sciences,
National Autonomous University of Mexico

2024 Mexico City, Mexico

EXPERIENCE

Sales Intelligence Analyst | Reckitt

Dec 2023 – Mexico City, Mexico

This role involves the use of programming languages and visualization tools to assist the Business Intelligence team with automation and data management tasks, as well as serving as a bridge between the Sales and IT departments.

Among my accomplishments in this position, I:

- Created automated processes to validate the completeness of sellout data coming from a provider of data engineering services.
- Improved the backend process to automatically retrieve sellout data from a client's portal, creating an end-to-end Python solution and reducing processing times by 90%.
- Coded a Python tool to write new information into existing Excel files, which are then used to feed a monthly sales and inventories report in PowerBI.

Math and Physics Tutor | Brainly.com

Oct 2020 - Dec 2023 Online

Teaching Assistant | Faculty of Sciences,
National Autonomous University of Mexico

Aug 2022 – Jan 2023 Mexico City, Mexico

COURSES AND CERTIFICATIONS

Infotec "AI 1000" Learning Journey | Huawei - Infotec

40 hours Hangzhou, China

This was a 2-week exchange program at Huawei's Global Training Center, awarded to the top 100 scores among people taking the HCIA-AI certification within the "IA 1000" Talent Development Program. Participants were trained on the following topics:

- AI and Deep Learning overview, ModelArts and MindSpore practice experiments
- Image Processing and Natural Language Processing theory and applications
- AI and Big Data technologies to enable national Digital Economy strategy and Industry Innovation

HCIA - AI Certification | Huawei

40 hours Online

An HCIA - AI engineer can use machine learning and deep learning algorithms to design and develop AI products and solutions.

To validate certificate, click [here](#) after login.

Certificate No. 010102001193809623012377316

Artificial Intelligence and Deep Learning with Python
Computational Physics course

80 hours Faculty of Sciences, UNAM

- Exploratory data analysis using Numpy, Pandas and Pyplot.
- Supervised and unsupervised Machine Learning models (k-means, decision trees, reinforcement learning, CNNs, RNNs, GANs).
- Deep Learning models using Keras and Tensorflow.
- Fine-tuning pretrained convolutional layers.
- Project 1: Classification of credit card customers using ANNs.
- Project 2: CNNs for multiclass image classification.

TOOLS

Programming languages

Python

Polars SQLalchemy Networkx
Numpy Pandas Pyplot SharePlum
Keras Mindspore Streamlit

Julia

DataFrames TaylorSeries Graphs

SQL: complex queries
R, C++: basic understanding

Operating systems

Windows Linux (Ubuntu, Fedora)

Other software

Excel PowerBI Word PowerPoint
Jupyter Notebook LaTeX Git Docker

LANGUAGES

Spanish - Native

English - Advanced

MOST PROUD OF

International Physics Olympiad
Bronze medal
Yogyakarta, Indonesia
On behalf of Mexico

National Physics Olympiad
Gold medal
León, Guanajuato
On behalf of Mexico City

Infotec IA 1000 Learning Journey
Academic Excellence Award
Dongguan, China
Awarded for reaching high exam results at Huawei's Global Training Center

"Generación Bicentenario"
Scholarship
Awarded to 1000 outstanding students in celebration of the 200th anniversary of the Independence of Mexico.