

ROBERTO DE JESUS ANTUNA RODRIGUEZ

Data Analyst | Engineer

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[LinkedIn](#) | [Portfolio](#) / [Website](#) | [HackerRank](#)

EDUCATION

Instituto Politecnico Nacional - ESIQIE

Chemical Engineering BE

GPA: 9.12

CDMX

August 2014 - December 2018

EXPERIENCE

IQVIA | Assoc Consultant

Mexico City | July 2024 - April 2025

- Achieved a 99% reduction in processing time (cutting the workflow from 2 weeks to <1 hour) by designing and deploying a Python web scraping algorithm to automate healthcare data collection.
- Executed market segmentation, data modeling, and forecasting to construct comprehensive market analyses, directly supporting strategic planning and product launches.
- Performed EDA, Data Wrangling and quality assurance on enterprise databases to ensure high-fidelity reporting and validate historical behavior projections.

Rosen Mexico | ILI Data Analyst

Mexico City | March 2021 - June 2024

- Reduced the reporting cycle by 83% (from 3 days to 4 hours) by engineering Python executables for Data Wrangling and transformation, specifically a "stationing" algorithm that interpolates facility points to map critical pipeline attributes (SMYS, MAOP).
- Collaborated as a key member of the NIMA software configuration team, developing Python-based calculation templates and data visualization tools for the Canada region.

Movilab SA de CV | Laboratory Analyst

Estate of Mexico | March 2019 - February 2021

- Cut report generation time by 85% (from ~5 hours to 45 minutes) by spearheading the complete redesign of laboratory workbooks using advanced Excel functions (INDIRECT, Pivot Tables).
- Developed mathematical models for uncertainty estimation, calculating correlation and covariance for linear and quadratic equations to improve measurement precision.

SKILLS

Programming Languages: Python, R, Fortran, VFP, VBA
Tools / Platforms: Power BI, Excel, Tableau, RStudio
Databases: SQL

CERTIFICATIONS

- Google Data Analytics Specialization Certificate - [Google](#)
- Data Analysis with R programming - [Google](#)
- Data Science with R Specialization Certificate - [Duke University](#)
- Data Modeling and Prediction with R - [Duke University](#)
- Python for Beginners - [openSAP](#)
- Python Basics - [HackerRank](#)
- Fundamentals of Programming - [Udemy](#)
- SQL Intermediate - [Sololearn](#)
- Introduction to Metrology and Measurement of Uncertainty - [CENAM](#)

LANGUAGES

English - Fluent

HONORS & AWARDS

- Served two terms on the University Council, contributing to key decision-making and governance.
- Recognition for participating in two interuniversity social events.
- Recognition for participating in the presentation of two papers at a social event during high school.
- Recognition for providing tutoring in subjects such as Maths, Physics, and Chemistry during high school.