DAVID CARRILLO CASTILLO
DATA SCIENTIST / PETROLEUM ENGINEER

CONTACT

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EDUCATION

Nov 2023 - Abr 2025
MASTER´S DEGREE IN ARTIFICIAL INTELLIGENCE
UNIR México - Currently Pursuing

Abr 2022 - Mar 2024
DATA SCIENCE & ARTIFICIAL INTELLIGENCE
Platzi

Mar 2005 - Dec 2009
PETROLEUM ENGINEERING
Universidad Nacional de Ingenieria

SKILLS

SOFTWARE

- Data Analysis: Python (Pandas, Numpy, Matplotlib, Seaborn, scikit-learn, SciPy, GeoPandas), SQL, MySQL, PostgreSQL, and GitHub.
- Artificial Intelligence: OpenCV, TensorFlow, Keras, OCR, NLTK, RNN, CNN, Anaconda.
- Business Intelligence: Power BI, Tableau.
- Industry: DFG, Wellsight Express, Microsoft Office.

ADDITIONAL COURSES

- Diploma in Soft Skills
- Project Management
- Diploma in Computer Vision, Reasoning, and Machine Learning
- Fluids School – Baroid
- Fight Against Hydrocarbon Informality
- Inspection of Liquid Hydrocarbon Transportation

ABOUT ME

Data Scientist with a professional background in Petroleum Engineering. Currently pursuing a Master's degree in Artificial Intelligence. Proficient in quantitative skills such as statistics, mathematics, computing, and engineering. Experienced in data analysis, machine learning, predictive modeling, data mining, and big data. Familiar with programming languages like Python, as well as libraries and frameworks such as TensorFlow, scikit-learn, and SQL. Passionate about technology and continuously learning new concepts, as I believe learning is an ongoing and exciting process. Fluent in Spanish and English, both spoken and written.

WORK EXPERIENCE

TRAINEE
Mar 2024 - Sep 2024 | Shintek

- AI Solutions Developer specializing in computer vision techniques. My work involves developing AI algorithms and models.
- Experienced in extracting relevant information from PDF documents using OpenCV, OCRs, and LLMs.
- Proficient in YOLO, Hugging Face, deep learning, and transfer learning techniques for object detection and segmentation in images and videos.

TECHNICAL FLUIDS CONSULTANT
Mar 2024 - Nov 2024 | M&M Drilling Fluids Service

- Supervision of drilling fluid preparation in mining operations.
- Training and technical talks for field personnel on the functions and properties of drilling fluids.
- Advisory services for clients on chemical products for diamond drilling.

FREELANCER
Apr 2022 - Present | Data analyst with python

- Data analysis and machine learning model development using scikit-learn.
- Data visualization with Matplotlib and Seaborn for effective insights.
- Database management using SQL, MySQL, and PostgreSQL.
- Basic to intermediate skills in data visualization with Power BI and Tableau.

RESTAURANT MANAGER
Mar 2016 - Dec 2021 | Zankas Comida Peruana

- Business management and strategic operations oversight.
- Coordination of logistics and warehouse management for products.
- Supervision, recruitment, and training of personnel to optimize performance.

FIELD ENGINEER
Oct 2011 - Feb 2016 | Halliburton - Baroid

- Management of drilling fluids in onshore and offshore operations.
- Strong knowledge of water-based and oil-based drilling fluids.
- DFG software – Hydraulic software for generating graphs and predictions on wellbore cleaning and optimization.
- WSE software – Data storage and report generation.

LANGUAGES

- Spanish- Native
- English - Intermediate

HOBBIES

- Programming
- Watching math videos
- Watching movies and series