



Erick Díaz

erickdiazs
 ErickDiaz

Education

Master's Degree in Mathematical Engineering and Computing | Nov. 2020 - 2022

UNIR - Universidad Internacional de La Rioja

Big Data and Artificial Intelligence Specialization | 2020-2021

UNIR - Universidad Internacional de La Rioja

Bioinformatics Specialization | 2019
Universidad San Carlos de Guatemala

Computer Science Engineer | 2013
Universidad San Carlos de Guatemala

Skills

Core Expertise: Machine Learning, Natural Language Processing (NLP), Large Language Models (LLMs), Deep Learning

Scripting Languages: Python (7 years), R, PySpark

ML Frameworks: TensorFlow, PyTorch

Big Data Ecosystems: Apache Spark, Hadoop, MapReduce, HDFS, HBase, Zookeeper, Hive

Database Management: SQL (6 years), Data Warehousing (2 years)

Languages: English, Spanish

Interests

Machine Learning & Deep Learning
Bioinformatics.

Generative AI, RLHF

Work Experience

Jul 2022

Today

Sr. Data Scientist - Vana | Remote

2yrs

- Propose new Data Science experiments to explore areas of opportunity or improvement within the company.
- Create and maintain risk data science services
- Create models for micro-loan acceptance

Feb 2023

Today

Bioinformatics software development basics Lecturer - Universidad San Carlos, Escuela de Postgrado Ingenieria

1yr 11 mos

Mar 2021

Jul 2022

Sr. Data Eng./Data Scientist - Zubale | Remote

1yrs 5 mos

- Develop a forecasting model for in-store demand (100+ Stores)
- Asses and interview new members of the DS team
- Collaborate in the development of a library in python for ETL's

Jan 2020

Mar 2021

Data Scientist - HealthCare.inc | Guatemala

1yr

- Working on ETL development using python and SQL
- Creation of a machine learning model for cost and revenue forecast using Pythorch

Apr 2018

Dec 2019

Data Scientist 1 - Xoom | Guatemala

1 yr 9 mos

- Data wrangling and data pipelines for machine learning models using PySpark and Tensorflow

Feb 2016

Mar 2018

Big Data Engineer - Xoom | Guatemala

2 yrs 2 mos

- Data pipelines in PySpark, Hadoop

Research and Projects

- Detect and classify *P. Vivax* malaria parasites in blood films, the goal is to expedite the malaria parasite detection. GitHub Repo, ICLR 2020 - Workshop Conference Poster

Certifications

2024

Generative AI with Large Language Models

Coursera

2020

Mathematics for Machine Learning Specialization

- Linear Algebra - Multivariate Calculus - PCA

Coursera

Apr 2019

Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning

Coursera

Mar 2018

Machine Learning

Coursera

Dic 2017

Neural Networks and Deep Learning

Coursera, deeplearning.ai

License WEZQ3JAHWQAT

Mar 2017

Aug 2017

Deep Learning Nanodegree Foundation

Apr 2017

Big Data and Hadoop Developer Online Course
License 20270414435

Grey Campus

Sept 2016

Hadoop Platform and Application Framework
License SZLTHSC67Q5D

Coursera