Alberto Figueroa

Data Engineer

Ciudad de Panamá, Panamá / 69976667 / a.figuero19@gmail.com
Panamá

Professional summary

Data Engineer with a proven track record of optimizing data processes and enhancing system performance. Adept in Python, machine learning, and data engineering tools like PySpark and SQL/NoSQL. Known for pioneering innovative data collection strategies and leading successful migrations to cloud platforms, consistently setting new standards for operational efficiency and data integrity.

Education

2018 – 2023
PANAMÁ

Electromechanic Engineering, Universidad Tecnológica de Panamá

- Finalista de la Jornada de Investigación Científica 2022.
- Graduado con Tesis con título: "Análisis Comparativo de Estrategias de Reconstrucción de imágenes utilizando sensado compresivo"

Employment history

JAN 2024 – PRESENT
PANAMÁ

Data Engineering Coordinator, Olimpo.bet

- Implement Pyspark for ETL processes, enhancing data efficiency and reliability.
- Lead migration from Azure to AWS, improving system performance and cost-effectiveness.
- Establish AWS Data Lake infrastructure, optimizing data storage and accessibility.
- Manage data systems meticulously, ensuring accurate and reliable reporting.
- Coordinate data engineering projects, achieving measurable improvements in data integrity.

2023 – JAN 2024
PANAMÁ

Data Analyst, Olimpo.bet

- Optimized data analysis for client behavior, boosting process efficiency.
- Led competitive analysis via scraping, enhancing strategic insights.
- Transformed data collection strategies, setting new standards for KPI metrics.
- Pioneered near-real-time data dashboards, increasing operational transparency.

2022 – 2022

Asistente de Investigación, Grupo de Investigación en Tecnologías Avanzadas de Telecomunicación y Procesamiento de Señales (GITTS)

- Led a machine learning project to enhance image quality in compressive sensing, achieving measurable improvements.
- Boosted image's reconstruction speed without degrading image quality.

Skills

Python	Spark
SQL/NoSQL	Scraping
PowerBI/PowerBI	Machine Learning

Languages

References

MAYTEE.ZAMBRANO@UTP.AC.PA

+507 6232-6847

Dra. Maytee Zambrano N.
Co-Directora de GITTS

JUANCARLOS@BETSOFFICE.COM

+51 953 310 256

Juan Carlos Saravia
Gerente de Data en Olimpo.bet

Courses

DEC 2021

Google Data Analytics at Google

MAY 2023

AZ-900 at Microsoft

APR 2023

PCEP 30-02 at Python Institute

JAN 2024 - JAN 2024

AWS Certified Cloud Practitioner at AWS Cloud Practitioner

Links

Portafolio

Github

LikedIn