Uriel Isaac Álvarez Cárdenas

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Summary

Data Scientist with a strong background in physics, passionate about utilizing data to solve real-world problems. Experience in working with Python, R, and SQL, with knowledge in machine learning, statistics, and data analysis. Experienced in developing and implementing machine learning models for medical imaging, academic performance, and student behavior. Proficient in building data pipelines, cleaning and preparing data, and visualizing data insights. Collaborative, committed to continuous learning, and dedicated to making contributions.

Experience

Data Scientist Intern
Universidad de Guanajuato

Jun 2023 - Present (2 months)

- Developed a scientific article using deep learning techniques for the classification of mammograms on the BIRADS scale.
- Achieved classification accuracy greater than 90%.
- Article to be published in September.

Data Scientist Intern
Universidad de Guanajuato

Aug 2022 - Feb 2023 (7 months)

- Developed and tested machine learning algorithms for medical imaging.
- Collaborated with data scientists, radiologists, and medical software specialists in a multidisciplinary environment.
- Participated in pilot tests conducted in local hospitals.

Data Analyst Intern
Universidad de Guanajuato

Jun 2022 - Aug 2022 (3 months)

- Collected and analyzed data on academic performance.
- Applied statistical techniques to identify patterns and assess their impact on different aspects of student life.
- Prepared detailed reports with findings and recommendations based on data analysis.
- Article published.

Education

Universidad de Guanajuato
Bachelor's Degree, Physics

2019 - 2023

Specialization in Machine Learning Applications

Licenses & Certifications

Big Data Fundamentals with PySpark - DataCamp

Curso de introducción a deep learning - Código Facilito
22a81be8-1a52-495d-b214-38bc9bbd15ea

Ask Questions to Make Data-Driven Decisions - Google
3P9PWUAFY3V4

Foundations: Data, Data, Everywhere - Google
B2DRMYER4UTX

Prepare Data for Exploration - Google
B86Q9XT9AHRN

Process Data from Dirty to Clean - Google
TDL9EEVCYPZ4

Skills

SQL • Machine Learning • Microsoft Power BI • Python (Programming Language) • R (Programming Language) • Statistics • Data Analysis • Teamwork • Problem Solving • Linux