Alexandre Estrela

Data Science | Data Analysis | AI/ML

Patos, Paraíba, Brasil
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PROFESSIONAL EXPERIENCE

JPS Construções e Incorporações — *Intern*

jul de 2022 - jul de 2023

- Development of automation algorithms in Python;
- Creation and programming of budget spreadsheets in Excel;
- Teaching employees how to use developed spreadsheets.

MAIN PROJECTS

Development of software *Intensio*

jan de 2023 - dez de 2023

- Use of Python, NumPy, SciPy, and Tkinter libraries;
- Statistical treatment of time series data;
- Creation of graphical interface, installer, and user manual;
- Supervised machine learning modeling.

Study of Yellow Fever Deaths in Brazil

fev de 2024 - mar de 2024

- Use of Jupyter Notebook for study and Power Bi for panel;
- Uso do Python, e das bibliotecas Pandas, Matplotlib e Sklearn;
- Application of clustering, data smoothing, and normalization;
- Management of supervised learning models for prediction.

ACADEMIC EDUCATIONS

Centro Universitário de Patos, Patos-PB — *Bachelor*

feb 2019 - dec 2023

Bachelor's degree in Civil Engineering.

UFRN / Metrópole Digital, Natal-RN — *Master*

feb 2024 - present

Professional Master's degree in Information Technology.

HABILIDADES

Técnicas:
Excel
Power BI
SQL
Python
Jupyter
NumPy
Pandas
SciPy
Scikit-learn
TensorFlow
Django

CERTIFICADOS

Preditiva - Data Analytics

Preditiva - Microsoft Excel for Data Analysis

Preditiva - Fundamentals of Data Analytics

Preditiva - Power BI for Data Analysis

UFRN - Web Programmer

IDIOMAS

(C2) Portuguese
(B1) English