NELSON LEFEBVRE

Data Engineer
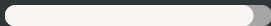
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LANGUAGES :

English – fluent
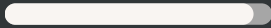
French – native

Spanish

PROGRAMMING SKILLS

- PYTHON (SCIKIT/TENSORFLOW)
- R (DATA SCIENCE)
- C (ROBOTIC)
- JAVA
- GOOGLE DATA STUDIO / POWER BI

- HTML/CSS
- JAVASCRIPT
- PHP
- SQL
- WAMP

- SVN/GIT
- LATEX
- SYSTEM/NETWORK

SOFT SKILLS

- STRONG WRITING AND ORAL COMMUNICATION SKILLS
- SOFTWARE ENGINEERING AND NEURAL NETWORKS
- DATA REPORTING SKILLS

OBJECTIVES

Dynamic and passionate Data Engineer, I bring a robust background in deploying cutting-edge data-centric technologies, with a pronounced expertise in data collection, extraction, and skilled manipulation using languages such as Python (pandas, scikit), R, and JavaScript. My analytical capabilities extend to BI tools like Google Data Studio (GDS) and Power BI, where I've demonstrated proficiency in translating data into relevant insights. Fluent in English, I thrive in multicultural environments, enhancing my ability to collaborate effectively and communicate data analysis results concisely.

EXPERIENCE

Crédit Agricole du Morbihan

Data / Tools Administrator (may - august 2024):

Design, monitoring, and analysis of credit risk indicators, alignment of risk tools with accounting, administration of risk management tools, support and assistance to Branch Network and Recovery teams (tool and regulation developments, technical incidents...) and completion of group investigations for CASA, ECB, ACPR.

Carrefour administratif

Data Engineer (feb - jul 2023):

Active participation in the deployment of new technologies and data-centric processes, with in-depth expertise in the following skills:

- Data Collection and Extraction.
- Identification and extraction of relevant and high-quality data sources.
- Translation of data into statistical formats using data processing, exploration, and integration:
  - Advanced data manipulation with Python (especially pandas and scikit), R, and Bigquery.
  - Creation of Dashboards and Implementation of KPIs using BI tools such as Google Data Studio (GDS) and Power BI to develop dashboards. Upfront definition of needs and establishment of KPIs to assess performance.
  - Automation of Processes and Queries, Implementation of automated processes and queries to optimize accounting and business operations.
  - Proposal of new approaches to enhance existing processes.

Tools Used:
Programming Languages: Python (pandas, scikit), R, JavaScript, Excel and others.
BI Tools: Google Data Studio (GDS), Power BI, Microstategy.
Database Management System: Bigquery.

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Electronical engineer/Software developper/project manager (march-may 2021)

EDUCATION

Master informatique DECIM Decision/Optimization, Caen - France (2021-23) 🇫🇷:

I learned to apply various optimization algorithms (A*, Travelling Salesman Problem, etc.) to make data-driven decisions and efficiently analyze and interpret complex datasets. This degree has equipped me with the knowledge and expertise needed to solve challenging problems in the field of computer science.

ISEP Exchange at the University of Nebraska, Omaha - United States (2022) 🇺🇸 :

The exchange program in Artificial Intelligence at the University of Nebraska Omaha (UNO) provides me with in-depth knowledge and practical experience in the field of artificial intelligence, preparing me for a successful career in AI research and development. I mainly learned how to use tensorflow, scikit and keras libraries. And I put these notions into practice in projects such as bank anomaly analysis or tornado history analysis in Nebraska.