MELVIN DEROUCK

Analytics Engineer

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Portfolio:

I combine technical expertise and business understanding to transform data into concrete solutions that create value and are adapted to business challenges.

EDUCATION

Bachelor's Degree - Data Analyst
OpenClassrooms - ENSAI, 2024

HND Communication
Grenoble (France), 2016

Baccalauréat in Management Sciences (Merit)
Grenoble (France), 2014

HARD SKILLS

PYTHON · SQL · POWER BI · EXCEL · M. LEARNING · GIT · DATAVIZ · SAP · UNIX/LINUX · AUTOMATISATION · ETL/ELT · PERL · INTEGRATION · PL/SQL

SOFT SKILLS

Communication, Problem-solving, Curiosity, Adaptability, Autonomy, Attention to detail

LANGUAGES

English - B2

Spanish - A2

INTERESTS

Sports : hiking, fitness, boxing

Culture : travel, trading

Arts : reading, cinema, museums

EXPERIENCE

CGI (Grenoble, France) - Consultant digital & data
Current role since 08/2024

Application Maintenance - Microelectronics Sector

- User requirements gathering and analysis, translation into functional specifications
- Technical solution design, cost estimation and workload assessment
- Development and maintenance of enhancements, testing (Unit, Integration, UAT) and on-time delivery
- Management of robustness and industrialization topics
- Support ticket resolution, monitoring of implemented actions
- Functional reference: primary contact for business-related questions
- Documentation writing and knowledge capitalization
- APF tool version upgrade in French and Italian facilities

Vinci Facilities (Echirolles, France) - Data Analyst (Internship)
02/2023 - 05/2024

- Fleet electrification project: data collection, insight research, Python analysis, results communication
- Creation of Power BI and SAP Analytics Cloud dashboards for internal needs and clients
- Development of SQL queries within a CMMS module
- Implementation of automated workflow on Power Automate
- VBA program development for data processing and calculation in preparation for annual audit

OpenClassrooms Projects (Remote Learning) - Data Analyst
02/2023 - 05/2024

- Data project management in Python with Pandas, NumPy, Seaborn...
- Use of clustering algorithms, linear and logistic regression models, Principal Component Analysis (PCA) interpretation...
- Development of a counterfeit banknote detection model (classification)
- Side projects: movie recommendation model using NLP, nutritional tracking application, personal website development

Lynred (Veurey-Voroize, France) - Process Technician
06/2019 - 02/2023

Becton Dickinson (Pont-de-Claix, France) - Quality Technician
01/2019 - 06/2019

STmicroelectronics (Crolles, France) - Process Technician
12/2016 - 03/2018