Nicolaas De Clercq

Junior data engineer

Contact

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nicolaasdeclercq@hotmail.com

Oosterzele, Belgium

Skills

- Self-learning and curiosity
- Critical Thinking
- Adaptability

Languages

- Dutch: Native
- English: Advanced
- French: Proficient

Links

- **https://github.com/NicolaasDC**
- **Linkedin**

Experience

Data engineering trainee
BeCode, Ghent   2024-2025

- Programming: Python, webscraping, data manipulation (Pandas, NumPy), API development (FastAPI, Flask), and Docker.
- Data Science: Machine learning (regression, evaluation, feature engineering), data visualization (Matplotlib, Seaborn, Plotly)
- Data Engineering: Databases (SQL, NoSQL), cloud basics (AWS, Azure), ETL automation (Airflow, Spark, Kubernetes)

Lab assistant
EOC Group, Oudenaarde   2022-2024

- Testing and analyzing production samples, and implementingadjustments based on results
- Primary measurements: pH, viscosity, dry matter, and HPLC

Lab and Quality Officer
Aannemingen De Witte, Aalter   2020-2022

- Quality control of ready-mixed concrete, cement-bound mixtures, and recycled aggregates
- Adjusting production parameters
- Processing quality control results
- Welcoming clients and registering their transport in/out
- Responsible for soil displacement follow-ups and associated administration

Concrete Laboratory Technician
OBBC, Oosterzele   2019-2020

- Quality control of ready-mixed concrete, cement-bound mixtures, and recycled aggregates
- Adjusting production parameters
- Processing quality control results

QC Laboratory Technician
DL Chemicals, Waregem   2016-2019

- Quality control of production samples (rheology, pH measurements, color, testing with Datacolor, etc.)
- Making corrections or adjustments for deviations in rheology, texture, or color

All-Round Restaurant Worker
Deluxe Burger, Aalst   2014-2016
Cooperated in family business

- Welcoming and serving customers
- Meal preparation
- Inventory management and ordering
- Managing personell

Laboratory Technician
Instituut voor Natuur- en Bosonderzoek, Geraardsbergen   2013-2014

- Preparing soil samples for ICP analysis using microwave methods
- Determining soil texture and residue ash content

🎓 Education

Bachelor in Chemistry
Kaho Sint-Lieven, Ghent
2009 - 2013

Technician in Fermentation Processes: Beers
CVO Panta Rhei, Merelbeke
2015 - 2016

Concrete Technologist
Belgische Betongroepering
2021

Python
CVO groeipunt, Ghent
2023-2024
Basic Python course covering sequences, selection, iteration, functions, dictionaries, file handling, and object-oriented programming