

Warre Verlinde

Data & AI Consultant · Beernem, Belgium

war.verlinde@gmail.com · +32 471 46 51 71

SUMMARY

Data & AI consultant who owns the whole chain: getting data off machines and into the cloud, building the models that act on it, and keeping both running once real decisions depend on them. Strongest where data science meets physical systems – energy markets, industrial process control, and regulated data at scale.

EXPERIENCE

Data Engineer (internal) · Axxes

Jan 2026 – present

Belgium

Building components and Airflow DAGs on Axxes' internal Azure lakehouse (medallion architecture), in active build-out as the foundation other data initiatives across the company will run on.

Azure Apache Airflow Python Data Engineering Medallion Architecture Spark

Data Engineer · KBC

Jan 2026 – present

Belgium

Building the ad-hoc data environment KBC uses to answer regulatory questions, including ECB onsite inspections – flexible by design rather than a fixed pipeline, on Databricks and PySpark, across heterogeneous banking sources under strict access and governance rules.

PySpark Databricks Data Engineering Data Governance Azure

Data Scientist · Orise

Jan 2026 – present

Belgium

Two industrial automation engagements: designed and economically validated an e-boiler dispatch strategy against energy markets for Pfizer, and built the freeze-dryer model (GAM with EMA deviation correction) in the three-person team developing JDE's process advisory system, driving it into stabilization and scale-out.

Python GAM Forecasting Time Series Energy Markets Model Predictive Control MLOps

Full-Stack Data Scientist · Prophesea

Sep 2024 – Dec 2025

Bruges, Belgium

Owned the full chain from customer machines to production forecasts: time series pipelines from edge devices to cloud on one end, and the price and consumption forecasting models behind an Energy Management System on the other, running against real energy costs. Also ran a Dynamic Line Rating pilot with ECMWF, RMI and Elia for the DestinE project.

Python PyTorch SciKit Learn TimescaleDB NextJS Reinforcement Learning Forecasting

Edge Computing Docker

Freelance ML Engineer · Harbours.io

Apr 2022 – Jan 2023

Remote

Sole engineer on an end-to-end computer vision service detecting scaffolding in satellite imagery – from building the dataset, because none existed, through detection and segmentation models, to a monitored service in production.

MLOps Deep Learning Image Processing Object Detection Image Segmentation Remote Sensing

Student job · Prophesea

Jan 2022 – Sep 2024

Bruges, Belgium

Joined as an intern and stayed on as a student worker, working on the design and development of the weather forecasting model Prophesea's energy products were later built on.

Weather Forecasting

Python

Hoofdanimator • Gemeente Beernem

Jan 2017 – Jan 2024

Beernem, Belgium

Seven years running activities at the municipal play scheme, coaching and evaluating the animators, and helping shape the programme from the steering group.

Coaching

Coordination

SKILLS

DATA SCIENCE & ML

Machine Learning	
Forecasting	
Time Series	
PyTorch	
Deep Learning	
Computer Vision	
Reinforcement Learning	
Model Predictive Control	
pandas	

DATA ENGINEERING

Spark / PySpark	
Airflow	
Databricks	
SQL	
PostgreSQL	
MQTT	
MongoDB	
Redis	

DOMAIN & INDUSTRY

Energy Markets	
Industrial Process Control	
Weather & Meteo Data	
Banking Regulatory Data	

LANGUAGES & CORE

Python	
TypeScript	
Java	
Haskell	
(node)JS	

INFRA & TOOLING

Docker	
Git	
Azure	
GitHub Actions	
NextJS	
Flutter	

EDUCATION

Master, Applied Informatics – Artificial Intelligence • KU Leuven

Sep 2022 – Jun 2024

Leuven, Belgium • Master

Applied Informatics with a specialization in Artificial Intelligence, after a switch (schakelprogramma) from the HOWEST bachelor.

Bachelor, Toegepaste Informatica • HOWEST Hogeschool West-Vlaanderen

Sep 2019 – Jun 2022

Belgium • Bachelor

Bachelor's degree in Applied Informatics.

Techniek-Wetenschappen • TIHF

Sep 2017 – Jun 2019

Belgium • Secondary education

Secondary education, science-technology track.

LANGUAGES

LANGUAGE	UNDERSTANDING	SPEAKING	WRITING
Dutch	Native	Native	Native
English	Fluent	Fluent	Fluent
French	Intermediate	Intermediate	Basic