Stanley van de Meent

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Ambitious operations researcher, data scientist and machine learning engineer with over 8 years of experience in developing production-grade software solutions. Passionate about leveraging mathematical optimization combined with machine learning to tackle complex business challenges and drive strategic decision-making. Played a leading technical role in a variety of high-impact projects, with several delivering nearly €50 million in validated incremental sales. This demonstrates my ability to deliver substantial value and drive technological innovation.

Experience

Principal Data Scientist - British Airways

February 2025 - Present

- Driving data-driven product insights and optimizations to enhance passenger experience and operational efficiency across key airline services
- Developing and deploying machine learning and optimization models to improve flight scheduling, network capacity planning, and overall operational efficiency
- Collaborating cross-functionally with product, engineering, and business teams to translate complex data into actionable recommendations and support strategic decision-making
- Leading the end-to-end analytics lifecycle, from data extraction and feature engineering to model validation, business impact measurement, and clear communication of findings to stakeholders

Senior Data Scientist - The HEINEKEN Company

November 2022 - February 2025

- Primary global expert on optimization, shaping strategy and driving new initiatives to improve company-wide optimizer performance
- Launched and scaled three optimizers from concept to production, leading algorithm development and cross-team collaboration
- Led global, high-impact ML and mathematical optimization projects with BCG, delivering measurable business value aligned to strategic goals
- Defined project roadmaps, hired and mentored team members to build technical expertise and a high-performance culture

Machine Learning Engineer - XOMNIA

November 2021 - November 2022

- Architected a scalable data platform for a leading global brand, drastically enhancing data accessibility and processing efficiency across the entire organization
- Designed and deployed advanced machine learning models for a leading FMCG client, contributing to data-driven decision-making and business impact

Operations Research Consultant - KLM Royal Dutch Airlines

June 2019 - November 2021

- Led algorithmic design and development for multiple groundbreaking decision support tools as part of the KLM-BCG partnership, optimizing operational efficiency and decision accuracy
- Co-developed digital transformation initiatives with stakeholders, aligning tool roadmaps with long-term organizational goals
- Ensured high quality and stability in software products, ensuring robust performance and scalability for end-users
- Drove user adoption through continuous collaboration and feedback loops, fostering strong relationships with end-users and ensuring the tools met their evolving needs

Education

MSc in Operations, Management & Logistics

Eindhoven University of Technology

2016 - 2019

BSc in Industrial Engineering

Eindhoven University of Technology

2013 - 2016

Skills

Software Engineering | Gurobi & CPLEX | Mathematical model design | Simulation | PySpark | PyTorch & TensorFlow | PyMC & PyStan | DGL | LightGBM & XGBoost | MLFlow | Airflow | Docker