

Vincent Michot

Experience Data Engineer in search of new challenges

Data Ops / Engineer at Orange Business



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SKILLS

Machine Learning : Python with Tensorflow, Pytorch, Scikit-learn and Keras

Programming technologies : Python, SQL, Azure (expertise), Databricks, AWS (proficient), S3, AWS Lambda, Snowflake, DataFactory, dashboarding (PowerBI, Grafana, Tableau)

Dockerisation : Docker, Kubernetes

Version Control : Git, GitHub, Azure Devops

DevOps : CI/CD, Best Practices, OOP

PROJECTS

Speech Recognition : Artificial intelligence applied to robotics, NLP for human/robot collaboration

Image Processing : Detection of Covid-19 via Artificial Intelligence

WORK EXPERIENCE

Data Ops / Engineer

Orange Business 08/2024 – present

Brussels, Belgium

Working as a consultant at Carrefour Belgium's data team

- Developing GCP cloud based data platform
- Designing data warehouse, lake & marts pipelines
- Designing analytical and operational data models to meet business needs
- Developing and maintaining scalable data architectures
- Implementing data governance practices to ensure data quality, security, and compliance
- Applying DataOps methodologies to accelerate the delivery of scalable and reliable data solutions.

Data Engineer

Golden Palace 04/2023 – 08/2024

Brussels, Belgium

Prominent entity in the industries of casino and sports betting within Belgium.

- Creating a cloud based Modern Data Platform
- Developing a Data Lakehouse using Azure cloud tools (Databricks, DataFactory, Storage Account)
- Providing training on Databricks
- Designing performant data models to enable Data Analytics and BI
- Owning and maintaining a Data Lakehouse (Data Lake + ETL)
- Managing computing frameworks (Python Spark, SQL Warehouse, Databricks clusters)
- Implementing BI & Analytics solutions (PowerBI)

Data Engineer & Innovation Analyst

Isalys Consultant at AGC Glass Europe 02/2022 – 04/2023

Brussels, Belgium

Specializing in information technology (IT) services and consulting.

- Implementing data pipelines
- Deploying AWS connectors, developing AWS Lambda functions
- Automating the creation and data loading of a data warehouse
- Developing and deploying modularized components (Kubernetes, Docker)
- Integrating AWS S3 bucket storage in the data platform
- Creating a monitoring/alerting tool to keep track of data flows
- Developing custom solutions to real time data problems

Data Scientist internship

Safran Aircraft Engines 04/2021 – 10/2021

Châtelleraut, France

Major actor in the fields of aeronautics, space and defense.

- R&D engineer in data science, artificial intelligence developer
- End to end development of Deep Learning solutions (automatic detection of surface defects on aircraft's turbo reactors, image processing)
- Deployment, communication and outreach of the new technology

LANGUAGES

French

Native Proficiency

English

Full professional Proficiency

Spanish

Professional Working Proficiency

Education

Double Degree : Master of Science, Machine Learning major

Sorbonne University 09/2020 – 03/2021

Paris, France

- Computer science
- Advanced Machine Learning (image processing, NLP, structured/unstructured data)
- Project: detection of Covid-19 via Artificial Intelligence (Image Processing)
- Estimation theory and parametric identification
- Physical simulation
- Data science applied to industry

Engineering School

Arts et Métiers ParisTech (ENSAM) 09/2018 – 06/2020

Lille, France

- General engineering (A-group engineering school)
- Computer Science
- Project: artificial intelligence applied to robotics (NLP)

Preparatory class for the “Grandes Écoles” (CPGE)

Gustave Eiffel High School 09/2016 – 06/2018

Armentières, France

- Physics, Technology (PT*), initiation to computer science