

# Hubrechts Maarten

(FREELANCE) DATA ENGINEER / ARCHITECT

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## Summary

MSc in Computer Science with a passion for data. Experienced in data engineering/architecture, gaining useful business insights from (big) data, building data-driven user experiences and migrating projects to the public cloud. An enthusiastic team player who is eager to learn and not afraid to take on ownership. Open for Freelance Data Engineer, Cloud Engineer, and Python/Scala Development opportunities.

## Education

### Vrije Universiteit Brussel

MSc in Applied Sciences and Engineering: Software Languages and Software Engineering

- Graduated Magna Cum Laude

Brussels, BE

2016 - 2018

### ETH Zürich

Master of Science: Computer Science

- Exchange Program

Zürich, CH

2017

### Vrije Universiteit Brussel

Bachelor in Computer Science

- Graduated Cum Laude

Brussels, BE

2013-2016

## Work Experience

### VDAB (Freelance)

Data/AI Engineer

- Technical implementation of various data driven projects.
- Implementation of data catalog to expose available data within the organization.
- Deployment, maintenance and monitoring of machine learning models (MLOps).

Brussels, BE

2023 - present

### Addestino

IT Consultant

- At Addestino I worked on various (big) data engineering and data architecture related projects. Addestino is a technology consulting company, working on the edge of business and technology, be it for strategy & innovation or digital transformation & implementation.

Zele, BE

2022 - present

### NBB (via Addestino)

Data Engineer

- Functional analysis of data catalog requirements within the bank.
- (Follow-up of) implementation of data catalog (implemented in Azure Purview).
- Integration of data catalog with other technical components (e.g., Databricks, on-prem datawarehouse).
- Organisation of data architecture workshops to align business and IT.

Brussels, BE

2023

### Meat&More (via Addestino)

Data Architect / Product Owner

- Design and implementation of a mature future-proof data architecture for reporting and data science needs.
- (Follow-up of) implementation of components within the data architecture.
- Capture business feedback and determine priorities of features to be added.
- Define user-stories and facilitate agile way of working.
- Keep track of long-term goals and ensure deadlines are met.
- Communicate progress towards management and business stakeholders.

Aalter, BE

2022

### KBC Bank & Verzekeringen

Big Data Engineer

- Technical implementation of various big data driven projects ranging from personalized advertisement to anti-money laundering applications.
- Deployment, maintenance and monitoring of machine learning models (MLOps).
- Move of large scale project from the on-premise infrastructure to the public cloud.

Leuven, BE

2020 - 2022

- Conducting research at the intersection of software engineering and data science to develop programming methods/frameworks to better integrate machine learning techniques into the software development process.
- Teaching assistant for the computer science bachelor course “algorithms and data structures”.

## Skills

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<b>Programming Languages</b>	Python, Scala, SQL, Java, Elixir, JavaScript.
<b>Big Data</b>	Apache Spark, Apache Hadoop, PySpark, Databricks, Delta Lake
<b>Cloud</b>	Azure (ADLS, Synapse Analytics, Purview, AD, ...), AWS (S3, EC2, Lambda, ECR, ...)
<b>Infrastructure</b>	Docker, Apache Airflow, Terraform, Conda, Poetry
<b>CI/CD</b>	GIT, Azure DevOps, GITLab CI/CD, Jenkins, Concourse
<b>Soft Skills</b>	Teamwork, Problem-Solving, Documentation, Presentation, Knowledge Sharing, Project Management.

## Certifications

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| 2023 | <b>Azure Data Fundamentals</b> , Microsoft Certified       |
| 2023 | <b>Azure Data Engineer Associate</b> , Microsoft Certified |

## Languages

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<b>Dutch</b>	Native Proficiency
<b>English</b>	Professional Proficiency
<b>French</b>	Limited Working Proficiency