

# TOM DELODDERE

## Mainframe Intern At Belfius

+324 97 23 25 60 tom.deloddere@gmail.com https://www.linkedin.com/in/tom-deloddere/ Sint-Niklaas



### SUMMARY

My name is Tom Deloddere, and I am passionate about mainframe technology. I am pursuing specialized studies at HOGENT, focusing on the mainframe domain. Currently, I am enhancing my practical knowledge through an internship at Belfius, where I am gaining hands-on experience with mainframe systems and developing core skills in Job Control Language JCL , COBOL programming, Db2, CICS, MQ, and more.

### EXPERIENCE

#### Intern

##### Belfius

10/2024 - Present Brussels, Belgium

Currently working as an intern at Belfius, focusing on reporting and analysis of Db2 resource usage. My work involves extracting and analyzing SMF records to detect anomalies, monitor performance, and gain deeper insights into Db2 transactions and package efficiency. I use Python and Pandas for data processing and visualization, leveraging the Db2 REST API to enhance reporting and decision-making.

#### Teacher

##### CodeFever

09/2022 - 06/2024 Sint-Niklaas / Beveren-Waas, Belgium

In my role as a Teacher at CodeFever, I had the opportunity to teach kids how to think like a coder by utilizing platforms like Scratch and Minecraft. By incorporating interactive lessons and hands-on activities, I was able to help students grasp complex concepts in a fun and engaging way.

#### Teacher Assistant

##### CodeFever

07/2022 07/2022 Sint-Niklaas, Belgium

### EDUCATION

#### Bachelor's degree, Applied Information Technology

##### HOGENT

09/2021 - 06/2025

### PROJECTS

#### Webpage Db2

10/2024 - Present

For my bachelor thesis I created a webpage where people can learn Db2, this includes theory as well as exercises.

- Link: <https://tomdeloddere.github.io/WebpageDB2/>

#### Dashboard SMF Records

10/2024 - Present

Created a dashboard with Dash Plotly where users can easily see various information about transactions on the mainframe.

- Video: <https://youtu.be/7L7DMSlg8jA>

### KEY ACHIEVEMENTS



#### Enhanced Db2 Efficiency

Improved Db2 transaction efficiency through advanced data analysis techniques.



#### Optimized Mainframe Operations

Analyzed and visualized SMF records to optimize mainframe operations.



#### Coding Instructor Success

Taught coding to 50 students using interactive lessons and Minecraft.



#### IBM Certification Expertise

Completed three IBM certifications, demonstrating expertise in mainframe technologies.

### LANGUAGES

#### Dutch

Native



#### English

Proficient



#### French

Advanced



#### German

Intermediate



### SKILLS

#### Mainframe Technologies

Job Control Language JCL CICS REXX

Db2 z/OS COBOL

#### Other Skills

Data Science Java JavaScript

Data Analysis Dash Plotly (Python)

Cascading Style Sheets CSS Big Data

JavaScript HTML Python

People Management

Artificial Intelligence AI Machine Learning