



APPLY NOW!



Master's thesis

“Statistical Analysis of Database Quality with regard to

Query Frequency for a MongoDB application” m/f/d



What does a student do

at Scope Sorting?



You **boost** an **interdisciplinary team** and **work** with colleagues, who are **experts** in software engineering, data science, machine learning, mechanical engineering, mechatronics, and biology.

Our **AI-based optical recognition system** will be used in real-time to extract text data from labels and symbols of plastics packaging to **enrich the detection of objects** for waste sorting. Therefore, **we need your help** to optimize our database.

You and your team are **developing a product**, that will **solve the world-wide plastic waste problem** and **revolutionise the AI world**.

Something sounds new to you? No problem! Try out **new and exciting technologies**, **broaden your horizon** in meetings, and **advance yourself** and the team – all this **at Scope Sorting!**

Your profile and your tasks!



Your profile:

- Student of Machine Learning, Data Analytics, Software Engineering, and Media Computer Science
- Skills in Python
- Skills in NoSQL e.g., MongoDB
- Willingness to learn
- Showing interest in AI projects

Your tasks:

- Interface between Optical Character Recognition and NoSQL database
- Metric definition: Statistical evaluation of query diversity and frequency
- Imputation for empty columns in databases
- Quality control of database entries
- Write a manual, where we can understand what you have done

What do you get from us?



**CREATE YOUR OWN
WORK-STUDY BALANCE**



**BROADEN YOUR HORIZON,
WE LEARN FROM EACH OTHER**



**THINK BIG! WE LIKE
YOUR IDEA**



**WORK WITH AN
AWESOME TEAM**



**ARE YOU A (WO)MAN OF
ACTION? SAME HERE!**



**GET THE START-UP
FEELING**



**CHANCE OF PERMANENT
POSITION**