

JONAH GRÄFE

jonah.graefe@study.hs-duesseldorf.de

EDUCATION

University of Applied Sciences Duesseldorf

Data Science, AI and Intelligent Systems B.Sc.

09/2022 - Present

University Muenster

Mathematics studies

10/2020 - 08/2022

Joseph Haydn-Gymnasium Senden

Abitur (Grade: 1.9)

08/2012 - 06/2020

EXPERIENCE

University of Applied Sciences Duesseldorf

Tutor/Student Assistant

05/2023 - Present

Duesseldorf, Germany

- Assistance with organizational and technical preparation
- Correcting students' assignments and submissions
- Give tutorials to students
- Help students with their homework
- Supervise laboratory

Aptiv Inc.

Internship

04/2024 - 07/2024

Wuppertal, Germany

- Programming tool to analyze and enhance a metric for evaluating images created by generative AI
- Conduct a small study and presenting the findings

eeekual bionic GmbH

Internship

04/2024 - 07/2024

Cologne, Germany

- Creating of a proof of concept for a new software solution
- Training of different YOLO networks for object detection including hyperparameter optimization
- Creating and labeling a dataset for object detection

IT SKILLS

Programming languages

Python (excellent), Java (basic), Javascript (basic)

Software

Git, Docker

Tools

MS Office, MS PowerBI, VS Code

Others

SQL, HTML/CSS, Astro, MATLAB, Regex, LaTeX

AWARDS AND VOLUNTEERING

Volunteering for Oxfam gGmbH
store employee

12/2023 - Present
Duesseldorf, Germany

Excellent participation in the QUA-LIS NRW competence check for school theater
school theater actor

11/2019
Soest, Germany

Volunteering for the Sparkassen Muensterland Giro 2019
assembly and dismantling of bicycle track

03/2019
Muenster, Germany

Successful participation in the first round of the 31st International Biology Olympiad
biology tasks

03/2019 - 10/2019
Senden, Germany

Volunteering for the "Kinder Uni" in Senden
staff

09/2017 - 06/2018
Duesseldorf, Germany