

# JONAH GRÄFE

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## EDUCATION

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### 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

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### 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 Services Deutschland GmbH

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

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### 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

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**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*