Dorian Koch

Curriculum Vitae

https://www.dorianko.ch
dorian-k
doriankoch

Education

2013–2022 **Abitur**, *Gesamtschule Hüllhorst*, *Grade 1.5*

2022–2025 **Computer Science B.Sc.**, *RWTH Aachen*

2025–today **Computer Science M.Sc.**, *RWTH Aachen*

Experience

2023–2024 **Student Tutor**, *RWTH Aachen University*

- Weekly In-Person Tutorials for International Students
- Coordination with Co-Tutors to prepare and teach the contents of all four first-semester modules
- Provided support by addressing student questions and clarifying complex topics

2024–today **HiWi at Institute 6**, *RWTH Aachen University*

- Research assistant for the Machine Learning and Human Language Technology Group
- Worked in the field of Machine Learning, Automatic Speech Recognition (ASR), specifically on Error Correction Models and Denoising Language Models

Volunteering

2024–today **VideoAG Kollektiv**, *RWTH Aachen University*, Fachschaft Mathematik/Physik/Informatik

- Upgraded and maintained the student council's lecture video platform
- Migrated from a server-rendered website to a modern static Next.js frontend with an API-based backend, reducing time-to-interactive (TTI) by 3x
- Replaced an Ansible-based deployment to a fully containerized Docker/Kubernetes setup, improving maintainability and uptime

Honors & Awards

2024 **Dean's List**, *RWTH Aachen University*

Awarded for outstanding academic achievement: Among the top 2% of students in my year (top 10 of 492 students)

Languages

German Native proficiency

English Professional proficiency