

Dorian Koch

Curriculum Vitae

 <https://www.dorianko.ch>

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 in doriankoch

Education

- 2013–2022 **Abitur**, *Gesamtschule Hüllhorst*, Grade 1.5
2022–2025 **Computer Science B.Sc.**, *RWTH Aachen*, Grade 1.0 (with distinction)
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