

# Dorian Koch

## Curriculum Vitae

 <https://www.dorianko.ch>

 [dorian-k](#)  
 [in doriankoch](#)

### Ausbildung

- 2013–2022 **Abitur**, *Gesamtschule Hüllhorst, Grade 1.5*  
2022–2025 **Computer Science B.Sc.**, *RWTH Aachen*  
2025–today **Computer Science M.Sc.**, *RWTH Aachen*

### Berufserfahrung

- 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

### Ehrenamtliche Tätigkeiten

- 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

### Auszeichnungen

- 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)

### Sprachen

- German Native proficiency  
English Professional proficiency