

Kevin Ha

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Education

RWTH Aachen University

B.Sc. in Computer Science

Current Grade: 2.2

Aachen, Germany

Expected: September 2025

Gymnasium an der Gartenstraße

Higher School Certificate

Grade: 1.0

Awards: Arconic Foundation Innovative Sustainability Business Idea Award

Mönchengladbach, Germany

Graduation Date: July 2022

Experience

Fraunhofer-Institut für Produktionstechnologie IPT

Internship – Software Development

Aachen, Germany

April 2024 – July 2024

- Developed a dynamic management website using Python, Django framework, and PostgreSQL, enabling efficient data handling and user interaction.
- Enhanced the website's usability by integrating responsive design elements with Bootstrap, improving accessibility across devices.

Private Tutor – Mathematics

April 2022 – Present

- Designed personalized lesson plans for high school students
- Helped students to improve their grades by at least one level

Theater Krefeld und Mönchengladbach

Theatre Service Staff

Mönchengladbach, Germany

October 2022 – Present

- Assisted in managing audience services, including seating arrangements and customer inquiries, ensuring smooth event operations.
- Developed strong teamwork and communication skills in a high-pressure environment.

Leadership & Activities

Mehrgenerationenhaus

Deputy Course Instructor – Digital Cafe

Mönchengladbach, Germany

July 2022 – January 2025

- Assist senior citizens in a relaxed, café-style setting, teaching them how to use digital devices, such as smartphones and computers.
- Provide personalized, one-on-one support to help participants with online safety, troubleshooting, and basic technology usage.
- Create a comfortable and friendly atmosphere where participants can learn at their own pace and build confidence in using technology.

Skills & Projects

Skills:

- **Programming Languages:** Java, Python, C
- **Web Technologies;** Django, HTML, CSS
- **Version Control:** Git

Projects:

- **Management website:** Developed a management website for the Fraunhofer institute as part of a team using Python, Django, and PostgreSQL. This website enables users to store important inquiries, acquisition, and other data in a database while providing an intuitive user interface to interact with other users and create entries in the database.
- **Pomodoro Scheduler:** Developed a personalized Pomodoro scheduler in Java, providing a structured daily framework for time management. Implemented customizable time blocks and enhanced user experience through a clear console interface.
- **TOTP Generator:** Developed a backend TOTP generator that changes its 6-digit OTP every 30 seconds using Python.