

RAYAN ZAHEDI

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EDUCATION

RWTH AACHEN

AACHEN

B.Sc. in Electrical Engineering and Information Technology

(Current GPA: 2.0/1.0 - German scale)

09/2023 – present

- Member of the Dean's List (top 5%)
- Group project in Information Technology: Simulation and testing of sensors in MATLAB environment, programming of a self-constructed robot

MODELLSCHULE OBERSBERG

BAD HERSFELD

High School Diploma (Grade: 2.1/1.0 - German scale)

08/2020 – 06/2023

- Member of the Technical Mechanics Working Group

WORK EXPERIENCE

FRAUNHOFER FHR

Wachtberg

Research Assistant in Embedded Systems

12/2024 – 12/2025

- Development and optimization of real-time systems on STM32 microcontrollers in C++
- Planning and building an own OTA-bootloader-application using ethernet

RWTH AACHEN

Aachen

Tutor for Mathematical Methods in Electrical Engineering

11/2024 – 01/2025

- Preparation and presentation of four small group tutorials per week

FRIEDRICH KRUMME GMBH

BAD HERSFELD

Assistant in Special Construction

06/2020 – 08/2023

- Independent management of the production hall and training of interns
- Price calculation for project inquiries

EXTRACURRICULAR ENGAGEMENT

ENACTUS AACHEN E.V.

AACHEN

Active member of a student initiative in the BetterMind project

01/2024 – present

- Backend development of the BetterMind website
- Planning and development of the product

MINT-EC

BAD HERSFELD

Active member of a national excellence network as alumni

08/2020 – present

- Supervision of MINT-EC camps as MINT-EC alumni
- Acquired MINT-EC certificate with distinction - thesis on thermodynamics
- Participation in Laser Physics Camp in Göttingen
- Participation in MiLeNa project (including teaching elementary school students in STEM subjects)

SKILLS & INTERESTS

Languages:	German (native), English (fluent), Persian (fluent), spent one school year at the German Embassy School in Teheran
Technical:	MS Office (advanced), C/C++ (good knowledge), MATLAB/Simulink (basic knowledge), Python/C# (basic knowledge), Linux Administration and Bash (basic knowledge)
Interests:	Competitive tennis (member of sports club TC Blau-Weiß Bad Hersfeld e.V.), playing music (violin), strength training, chess

R. Zahedi

February 7, 2026