

# LORENZ LUKAS ADAM

📍 Georg-Friedrich-Straße 4, 76131 Karlsruhe, Germany  
📞 +49 176 47641610 • 📩 lorenz.adam@hotmail.de



## EDUCATION

---

### M.Sc. in Applied Mathematics

*Karlsruhe Institute of Technology (KIT)*

Apr. 2025 – Present

- Application Subjects: Computer Science and Electrical Engineering
- Expected Graduation: September 2027
- Current GPA: 1.0 (German grading scale)

### B.Sc. in Mathematics

*Karlsruhe Institute of Technology (KIT)*

Oct. 2020 – Mar. 2025

- Bachelor Thesis: Simulation of a Light-Wave in Material with time-varying Resonance Frequency
- GPA: 1.9 (German grading scale)

### B.Sc. in Physics

*Karlsruhe Institute of Technology (KIT)*

Oct. 2019 – Sep. 2020

### European Baccalaureate

*European School Frankfurt*

Sep. 2006 – Jul. 2018

## PROFESSIONAL EXPERIENCE

---

### Battery Development Intern

*Stihl Holding AG & CO. KG, Waiblingen*

Mar. – Sep. 2025

- Modeled batteries using Equivalent Circuit Models (ECM)
- Measured impedance spectra and assembled experimental cells to analyze batteries
- Developed tests for a battery analysis tool

### Workshop Intern – S-Bahn

*DB Regio AG, Frankfurt*

Mar. – Apr. 2019

- Maintenance and repair of trains

### Turbo Charger & Diagnostic Systems Intern

*Schenck RoTec GmbH, Darmstadt*

Jan. 2019

- Creation of simple CAD components
- Assisted with pre-delivery acceptance tests

### Waiter

*Mise en Place Germany GmbH, Frankfurt*

Nov. 2018 – Feb. 2019

## OTHER SKILLS AND INTERESTS

---

**Technical Skills:** MATLAB, basic knowledge of Python, R and Java

**Languages:** German (native), English (C1), Spanish (A2-B1)

**Hobbies:** Club soccer (since age six), guitar, sailing