

# NICO BEHRENS | CV

Software Engineer

## M.Sc. Computer Science

Low-Level, Distributed Systems, Embedded Systems · C, C++, Python, Linux, Git

German, English, French

📍 Dresden, Germany    ✉ [nico@nico-behrens.de](mailto:nico@nico-behrens.de)    📞 +49 1520 6484586    🌐 [nico-behrens.de](http://nico-behrens.de)  
🐙 [github.com/N11cc00](https://github.com/N11cc00)    🌐 [linkedin](https://www.linkedin.com/in/nico-behrens)

## Experience

**Work on RIOT OS at TU Dresden** - Dresden University of Technology April 2024 - Now

- Work on a [novel NFC library](#) for RIOT OS
- Development of smaller device drivers and project maintenance
- Attended RIOT OS Community Summits 2024 and 2025

**Participation in the Telekom MMS Innovate-a-thon** - Telekom MMS May 2025

- Developed a prototype for blood pressure measurements with ultrasound on an embedded system
- Our group achieved the second place

**Member of the Student Council** - Dresden University of Technology 2023 - 2025

- Two years in the Student Council of the Computer Science faculty
- Tasked with supervising new Master's students

**Web Development Internship** - GECKO Software Development 2022

- Worked with Microsoft Power Platform to develop a business card app

## Education

**Graduated as M.Sc. Computer Science** - Dresden University of Technology 2023 - 2025

- [Master's Thesis](#): Design and Implementation of an NFC Library for RIOT OS
- Novel NFC library with device drivers for the open source operating system RIOT OS

**Graduated as B.Sc. Computer Science** - University of Rostock 2019 - 2023

- [Bachelor's Thesis](#): Robust Schedules for Time Sensitive Networks
- Research into TSN as an extension of Ethernet to guarantee network traffic
- Utilised C++, OMNeT++ and INET for network simulation

**Graduated from School** - Gerhart-Hauptmann-Gymnasium Wismar 2013 - 2023

- *MINT-EC* class with a focus on STEM subjects

## Awards

**Deutschlandstipendium** - FSD GmbH & Dresden University of Technology 2023 - 2025

- Scholarship provided in equal parts by [FSD Fahrzeugsystemdaten GmbH](#) and Dresden University of Technology