

## EDUCATION

### **M.Sc. in Electrical Engineering and Information Technology**

Technical University of Munich, Germany

04/2024 - Present

- Core areas: Electronic Circuits and Systems, Embedded and Computer Systems
- Relevant course contents: fundamental semiconductor process technology, essentials of analog CMOS and digital integrated circuits design, timing analysis and testing of digital circuits, embedded systems design and security

### **B.Sc. in Electrical Engineering and Information Technology**

Technical University of Munich, Germany

11/2020 - 03/2024

- Dissertation topic: Analysis and Verification of Stress Dependence of Silicon Chips Embedded in Polymer Foils on Chip Thickness
- Project title of engineering practice: Code Generator For Instruction Monitoring

## EXPERIENCE

### **Working Student E-mobility Development in Automotive Industry**

ARRK Engineering GmbH, Munich - 14h/week

01/2023 - 10/2023

- Project: EoL-Test Automation of HiL-Boxes
- Used CanEasy to manage DBC files including messages configuration within CAN/CAN FD buses, to monitor and analyze real-time data flow of boxes, and to tune hardware devices for testing
- Developed CAPL programs to generate HTML test reports and integrating them into CanEasy as plugins
- Created and documented HW/SW solutions to fully automated testing which increased efficiency and reduced costs significantly



Munich, June 20, 2024



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## SKILLS

- MATLAB / LTspice  
Vivado / CanEasy  
COMSOL
- C / Python / VHDL  
Git / CAPL / LaTeX
- Mac / Windows  
Linux

## LANGUAGES

- English - C1/C2
- German - C1
- Chinese - Native

## INTERESTS

- Photography