Lichuan QIN

- Leopoldstraße 204 80804 Munich
- ✉ lichuan.qin@tum.de
- 📞 +49 17658937387
- ♏ Born: 21/09/2002 in Shanghai
- 🏆 Ayron1929
- 📕 ayron

🎓 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

⚡ 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