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
01/2023 - 10/2023 (14h/week)

- 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, July 2, 2024

Lichuan QIN

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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