

Lichuan Qin
Leopoldstraße 204
80804 Munich
+49 (0)176 58937387
Lichuan.qin@tum.de



PERSONAL DETAILS

Name, Vorname: Qin, Lichuan
Born: 21. September 2002 in Shanghai
GitHub: [Ayron1929](#)

EDUCATION

Since Apr 2024 **M.Sc. in Electrical Engineering and Information Technology**
Technical University of Munich (TUM), Germany
Primary Focus on Electronic Circuits

- Analog and Digital Integrated Circuit Design
- Semiconductor Technology

Secondary Focus on Embedded and Computer Systems

- Cyber-Physical System and Security
- Embedded Programming

Oct 2020 – Mar 2024 **B.Sc. in Electrical Engineering and Information Technology**
Technical University of Munich (TUM), Germany

- Thesis at Chair of Circuit Design:
Analysis and Verification of Stress Dependence of Silicon Chips Embedded in Polymer Foils on Chip Thickness (Grade: 1,7)
- Engineering Internship at Chair of Electronic Design Automation:
Code Generator For Instruction Monitoring
- One-year Program on the theme of Urban Gardening:
Construction of Automated Intelligent Mobile Plant-Care-Station

EXPERIENCE

Jan 2023 – Oct 2023 **Working Student for EoL Test Automation of HiL-Boxes**
ARRK Engineering GmbH, Munich

- Analyzed and Tested CAN(FD) communication
- Supported the development of HTML test report generation
- Assisted team in laboratory operation

Aug 2021 – Oct 2021 **Student Assistant**
Technical University of Munich (TUM), Germany
Responsible for tutoring in the mathematics pre-course

SKILLS

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|---------------------|--|
| Tools and Software: | <ul style="list-style-type: none">• COMSOL, and MATLAB for the bachelor's thesis• LTspice, Git, CMake, and Vivado as part of the university curriculum• CanEasy for the working student position |
| Programming Skills: | <ul style="list-style-type: none">• C for the embedded programming• Python for the engineering internship• VHDL for the digital circuit design• CAPL for the working student position |
| General IT Skills | <ul style="list-style-type: none">• MS Office and Adobe• Operating systems: Mac, Windows, and Linux |
| Languages | <ul style="list-style-type: none">• English – C1 to C2 in TUM English course placement test, most courses of the master's degree program in English• German – C1 in DSD2, most courses of the bachelor's degree program in German |

INTERESTS

- Photography, travel, video editing, and regularly posting on social media
- Instagram: [ayron1929](#)
 - YouTube: [@Ayron1929](#)
 - Little Red Book: [ayron](#)

