



Working Student: Hardware & Test Development for Semiconductor Devices (f/m/div)*

Job description

Do you live up to high quality standards and work conscientiously on making things better, faster and more efficient? Furthermore, are you experienced in working in the lab and highly interested in learning more about pre-defined experimental plans and the corresponding evaluation? Beside your profound interest in innovation and research of wafer technology, do you also bring along programming skills? Then this position could be the perfect match for you! Our team in Munich is looking forward to your application!

In your new role you will:

- Deal with **standard semiconductor equipment, test instrumentation** and **interface laboratory equipment** with **controlling hardware**
- Execute predefined **electrical, mechanical and optical measurements** for MEMS and Sensor devices
- Learn to conduct **wafer level electrical measurements**
- Conduct **2D/3D optical inspections** of wafers and samples with high-resolution semiautomatic microscopes
- Support **activities related to bring up of a new laboratory**: develop **new hardware** to enhance the measurement setup and assembly of new test setups
- Support analysis of **experimental data**
- Post-process and document **experimental results** using **available frameworks**

Profile

You are best equipped for this job, if you:

- Are currently studying **Electrical Engineering, Physics** or a **related field of study**
- Ideally gained first **practical working experience** in technology lab, R&D department or practical lab course
- Are interested in **multidisciplinary challenges**: electronic circuits, measurements, data analysis and processes
- Show a **systematic and self-driven working style**, oriented on problem solving
- Are willing to **learn** and to **work in a team**
- Ideally are familiar with **programming languages** as Matlab, Python, LabVIEW, Raspberry PI
- Have a **good command of spoken and written English**, basic German skills are an advantage

At a glance

Location: **Munich (Germany)**
Job ID: **355247**
Start date: **as soon as possible**
Entry level: **0-1 year**
Type: **Part time**
Contract: **Temporary**

Apply to this position online by following the URL and entering the Job ID in our job search:

Job ID: **355247**
www.infineon.com/jobs

Contact

Annika Wimmer
Student Attraction Manager



Please attach the following documents to your application:

- CV in English or German
- Certificate of enrollment at university
- Latest grades transcript
- High school report

Additionally, the following requisites apply for student jobs:

- **You have to be enrolled in either your Bachelor or your Master studies** to be eligible for a student job.
- **In the current situation, we particularly emphasis the health and safety of our employees, which is why we support working from home.** Nevertheless, you should not live more than 150 km away from the place of work, so that the location is easily accessible for you.

Benefits

- **Munich:** Coaching, mentoring networking possibilities; Wide range of training offers & planning of career development; International assignments; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor; Flexible working conditions; Home office options; Part-time work possible (also during parental leave); Sabbatical; On-site creche and kindergarden with 120 spots, open until 6pm; Holiday child care; On-site social counselling and works doctor; Health promotion programs; On-site gym, jogging paths, beachvolleyball, tennis & soccer court; On-site canteen; Private insurance offers; Wage payment in case of sick leave; Corporate pension benefits; Flexible transition into retirement ; Performance bonus; Reduced price for public transport and very own S-Bahn station; Access for wheelchairs

Why Us

Part of your life. Part of tomorrow.

Infineon is a world leader in semiconductor solutions that make life easier, safer, and greener. Our solutions for efficient energy management, smart mobility, and secure, seamless communications link the real and the digital world.

Infineon´s **Quality Management** department acts proactively to satisfy the needs of our customers to increase their success and to ensure 'best in class' product quality. Internally the department develops a living quality culture at all levels within the different divisions and at our partners.

** The term gender in the sense of the General Equal Treatment Act (GETA) or other national legislation refers to the biological assignment to a gender group. At Infineon we are proud to embrace (gender) diversity, including female, male and diverse.*

