

Driving decarbonization and digitalization. Together.



Internship: Lab Verification Engineer in the AMS Lab of the Development Center Villach (f/m/div)

Job description

Are you a motivated student, studying in the field of Electronics Engineering, who is looking for an internship to complement the acquired theoretical knowledge with practical experience? We are looking for someone just like you!

In a world that becomes more and more digitized, the interfaces from the analog to the digital domain are the key enabler. Be part of the biggest Analog-Mixed-Signal (AMS) verification laboratory team in Infineon that is taking care about analog and digital measurements. There is a broad bandwidth of devices that are verified in our labs:

- Analog blocks in Infineon microcontrollers
- Analog to Digital (ADC) and Digital to Analog (DAC) converters
- High speed interfaces
- High Precision Oscillators and PLLs
- Power Management Systems (PMS)
- Battery Management Systems (BMS)
- DCDC Converter for low voltage applications and Linear Voltage Regulators (LDOs)
- RF blocks for radar systems
- Bias & Control circuits for 5G antennas

Take the chance to expand your theoretical knowledge from the university and enrich it with practical / hands-on experience in the areas of:

- **Semiconductor integrated circuits**
- Usage of the **latest measurement equipment** in the AMS area
- **Board assembly, rework and soldering**
- **How to debug** and find the root cause for unexpected behavior
- **Influence of parasitics** to the performance of electronic circuits
- **AMS measurement techniques**
- **Big data handling** and **data post-processing**
- Automation of lab **test setups**
- **Preparation** and **presentation** of measurement results
- **High quality documentation** of measurement results according to IATF16949 and ISO26262

At a glance

Location:	Villach (Austria)
Job ID:	HRC0657288
Start date:	as soon as possible
Entry level:	0-1 year
Type:	Full time / Part time
Contract:	Temporary

Apply to this position online by following the URL and entering the Job ID in our job search. Alternatively, you can also scan the QR code with your smartphone:

Job ID: **HRC0657288**
www.infineon.com/jobs



Contact

Lisa Derhaschnig
Recruiter



In addition to the technical know-how, you will be part of a youthful and active international team where more than 100 students have had internships to date, many of which are now employed engineers in the lab and around Infineon worldwide.

Seems interesting? We ensure it is! Use the chance and submit your application to become a member of our lab community!

Further information:

Type of employment: Temporary / part-time (Flexible working hours from Monday to Friday between 6 a.m. and 7 p.m.)

Duration: min. 6 months

Profile

As our ideal candidate, you offer additionally:

- Studying **Electronic Engineering, Microelectronics** or similar
- Knowledge in using **lab equipment**
- Knowledge in using **programming languages** (like C/C#/C++, ...)
- Good **English skills**
- Willingness to do an internship in duration of minimum **6 months**, preferably **1 year** (or more)

This position is subject to the collective agreement for workers and employees in the electrical and electronics industry (full-time), employment group B for bachelor students, employment group D for master students (<https://www.feei.at/wp-content/uploads/2023/05/minimum-salaries-white-collar-workers-2024.pdf>).

Please attach the following documents (German or English) to your application:

- Motivation letter
- CV
- Certificate of matriculation at a university (you must be enrolled and not on academic leave)
- Latest Transcript of records (not older than 6 months)
- Highest completed educational certificate (Matura certificate for Bachelor students, Bachelor certificate for Master students)
- Reference letter (optional)

Benefits

- **Villach:** 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; Child care in Villach & Klagenfurt; On-site social counselling and works doctor; Health promotion programs; On-site canteen; Private insurance offers; Wage payment in case of sick leave; Corporate pension benefits; Flexible transition into retirement; Performance bonus; Accessibility, access for wheelchairs

Why Us

Driving decarbonization and digitalization. Together.

Infineon designs, develops, manufactures, and markets a broad range of semiconductors and semiconductor-based solutions, focusing on key markets in the



automotive, industrial, and consumer sectors. Its products range from standard components to special components for digital, analog, and mixed-signal applications to customer-specific solutions together with the appropriate software.

The central R&D organization „**Design Enabling and Services**“ (DES) provides the design environments (design-systems) to the different product development teams at Infineon. With leading edge design methods, complex building blocks and a wide range of product development services DES enables Infineon's advanced IC development. This means the complete value creation chain from abstract system models down to the fully verified product layout which ensures high quality manufacturing readiness.

We are on a journey to create the best Infineon for everyone.

This means we embrace diversity and inclusion and welcome everyone for who they are. At Infineon, we offer a working environment characterized by trust, openness, respect and tolerance and are committed to give all applicants and employees equal opportunities. We base our recruiting decisions on the applicant´s experience and skills.

We look forward to receiving your resume, even if you do not entirely meet all the requirements of the job posting.

Please let your recruiter know if they need to pay special attention to something in order to enable your participation in the interview process.

[Click here](#) for more information about Diversity & Inclusion at Infineon.

Infineon Hub - Connect. Create. Challenge.

The iHub at TU Wien represents an inspiring tech platform, networking area and event location, connecting Infineon Austria with tech experts, science specialists and young professionals.

Check out our upcoming events:

[Infineon iHub](#)

