

Driving decarbonization and digitalization. Together.



Internship: IC Methodology Engineer (f/m/div)

Job description

At Infineon's Design Center Villach (DCV) we connect the real with the digital world. We focus on the development of circuits that process digital and analog signals. You will be a part of a revolutionary way to design analog circuits in a dynamic environment. Continuously improving your programming skills is a priority for you and Git and Linux are more than just technical terms for you. Then this is the perfect internship in Villach for you!

We are working on a **revolutionary** way to design **analog circuits** by using a **programmable IC design approach**. If you are passionate about both **hardware** and **software** and on top on top of what would like to contribute to the **open-source community**, we have an exciting topic for you. As an important next step, we need help in building demonstrators based on existing **open source tools** and **solutions** such as **BAG2** (Berkeley Analog Generator) and **MOSAIC Orchestrator**, which will be integrated into the Infineon design flow. In case you would like to contribute to the **open-source community**, **Orchestrator demonstrator** for **virtuoso template** and **os_db_template** are also options. You will get a chance to:

- Work in a **dynamic environment**
- Get the opportunity to enhance your **programming skills**
- Get insights into the **state-of-the-art semiconductor development**

By collaborating with **design methodology experts** and **analog IC designers** you will actively contribute to the **open-source community**.

Further Information

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

Duration: min. 6 months

Profile

You successfully meet the requirements, if you are a motivated and committed student from the field of **IC Design** or similar technical studies and are best equipped for this task if you are familiar with **IC Design know-how**. You are best equipped for this task if you additionally offer:

- Solid **programming skills** (Python as a plus)
- **Experience** with **Git** and **Linux**
- **Multitasking skills** and an **independent way of working**
- A **structured** and **precise working style**
- Fluent **English skills**

At a glance

Location:

Job ID: **HRC0494631**

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: **HRC0494631**
www.infineon.com/jobs



Contact

Lisa Derhaschnig

Recruiter



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
- 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](#)

