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Internship: Analog IC Design Engineer for programmatic IC design approach (f/m/div)

At a glance

Are you interested in the semiconductor industry and would like to learn more from our experienced design methodology and analog IC design team? 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 are currently studying Electrical Engineering, Software Engineering or a related subject? In this internship you can bring your programming and IC design skills to full use! Curious? Do not hesitate and apply now! Our team in Villach is looking forward to receiving your application!

Quick Info

Location	**Villach (Austria)**
Entry level	**0-1 year**
Job ID	**HRC0837204**
Start date	**Aug 01, 2024**
Type	**Full time**
Contract	**Temporary**
Workplace type	**Hybrid**

Job description

We are working on a revolutionary way to automatically design analogue circuits using a programmatic IC design approach. In your new role you will:

- Assist in testing and extending **library** of **low-level IPs** (OTA, current DAC, etc.) and demonstrating the **potential** of this bottom-up structural **approach**
- Work in a dynamic **environment**
- Get the opportunity to sharpen your analog **IC Design skills** and expand your **programming knowledge**
- Collaborate with **experts** in design methodology and analog IC design

Further Information
Type of employment: Temporary / Full-time (flexible working hours from Monday to Friday between 6 a.m. a̶ p.m.)
Duration: min. 12 months

Your Profile

You successfully meet the requirements, if you are a motivated and committed student in the final year of a Bachelor's or preferably a Master's degree programme in a **technical field** such as **Electrical Engineering** with experience with scripting programming languages. You are best equipped for this task if you additionally offer:

- Fundamental knowledge of **analog IC design**
- Experience with **Python (a must), Git, Jira** and **Linux**
- A self-motivated & proactive working style
- The ability to be a good **team player** and the willingness to work in an **international team**

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

What we offer you in Villach

More than 5.000 people work at five different sites in Austria.

› **Find out more about sites in Austria (/cms/austria/en/jobs-austria/)**
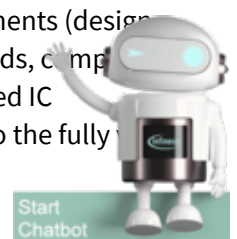
Why Us

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 (https://www.infineon.com/cms/en/careers/diversity-and-inclusion/) 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 (https://www.infineon.com/cms/en/product/promopages/infineon-hub/)

Contact Us

Ramona Steiner
Recruiter

› **LinkedIn (https://www.linkedin.com/in/ramona-steiner-b00513233/)**

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