

Driving decarbonization and digitalization. Together.



Internship: Data Engineering (f/m/div)

Job description

You love technology, a dynamic environment and want to be part of state-of-the-art developments? At KAI GmbH, we have a team working on an application to organize waveforms in clusters and detect outliers. The application helps to identify problems in the post-silicon verification of semiconductors more quickly. You are currently studying Computer Science, Information Technology or a related subject and bring experience with programming as well as knowledge in engineering best-practices? Then this is the perfect internship for you! Gain deep insights in our KAI team in Villach!

We are currently working on a standardized process to feed different data formats into the waveform clustering application. In your role, you will work closely with our data engineering experts to develop a pipeline for loading, transforming and delivering large amounts of data for customer-facing applications. In particular, you will have the following responsibilities:

- Implementation of **data processing pipelines**
- Integration of **software tools** with **workflows** of component verification engineers
- Support in the development of **scripts** for loading and transforming **data**
- Investigation of possible **frameworks**
- Documentation of **source code** and **processes**

Further Information

Type of employment: Temporary / Part-time or Full-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 **Computer Science, Information Technology** or similar. You are best equipped for this task if you additionally offer:

- Experience with **Python**, object-oriented **programming**, **design patterns**
- Experience with **Linux** and familiarity with the **command line**
- Experience with **CI/CD workflows** is a plus
- Experience with **MATLAB** is a plus
- Knowledge of **engineering best-practices** such as code style guides or git workflows
- Familiarity with using **APIs** (e.g. REST), **frameworks** and **libraries**
- A structured and precise working style

At a glance

Location:

Job ID: **HRC0765680**

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: **HRC0765680**
www.infineon.com/jobs



Contact

Sabrina Nindler

Recruiter



- Fluency in **English, German** is a plus

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 **KAI** Competence Center for Automotive and Industrial Electronics was founded in 2006, is a 100% subsidiary of Infineon, and is located in the Villach Technology Park. The focus of our research is the reliability of power semiconductors in automotive and industrial applications.

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](#)

