

# Driving decarbonization and digitalization. Together.



## Internship: Firmware Engineer (f/m/div)

### Job description

You are looking for a new exciting student job in the field of hydrogen sensing, car battery monitoring or augmented reality? Our semiconductors are key element for these applications. Infineon Automotive (ATV) is responsible for shaping the future of mobility. We make cars cleaner, safer and smarter. Our team in Graz is looking forward to receiving your application!

In your new role you will:

- Support our design experts with **Firmware-** and/or **Hardware/Software-Co-Verification**
- Support **testing** and **validation** of **firmware components** and **systems**
- Learn and apply best practices in **firmware development** and **coding standards**
- Assist in the **design** and **development** of **firmware** for **embedded systems**
- **Implementation** of **software functions** for our **Rapid prototyping activities** with **FPGAs**

### 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. 12 months

### Profile

You successfully meet the requirements, if you are a motivated and committed student from the field of **Electrical Engineering, Informatics, Biomedical Engineering** or similar. You are best equipped for this task if you additionally offer:

- Basic know-how in **C, Python, Matlab** or similar
- Basic know-how in **working in version-controlled environments**
- English is required
- Knowledge of **firmware development tools** 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

### At a glance

Location: **Graz (Austria)**

Job ID: **HRC0779489**

Start date: **Jun 01, 2024**

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. Alternatively, you can also scan the QR code with your smartphone:

Job ID: **HRC0779489**

[www.infineon.com/jobs](http://www.infineon.com/jobs)



### Contact

**Sabrina Nindler**

Recruiter



- 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

- **Graz:** Möglichkeit für Coaching, Mentoring & Netzwerken; Trainingsangebot & strukturierte Entwicklungsplanung; Möglichkeit zur internationalen Entsendung; Verschiedene Karrierepfade: Project Management, Technical Ladder, Management & Individual Contributor; Flexible Arbeitszeit: Vertrauensgleitzeit; Möglichkeit zum Home Office; Offenheit für Teilzeit (auch in der Elternzeit); Sabbatical; Sozialberatung & Betriebsarzt; Gesundheits- & Vorsorgeprogramme; Vergünstigtes Mittagessen; Versicherungsangebot zu attraktiven Konditionen; Arbeitgeberfinanzierte betriebliche Altersvorsorge; Offenheit für flexiblen Übergang in die Altersrente; Erfolgsbonus; Barrierefreiheit am gesamten Standort

## 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.

### **–Automotive (ATV) shapes the future of mobility with micro-electronics enabling clean, safe and smart cars –**

Semiconductors are essential to realize key trends like eMobility, automated driving and secure, connected cars. Infineon **ATV** is the #1 semiconductor partner in the fast-changing automotive world, based on our system knowledge coupled with our passion for innovation and quality. We are a key driver in the ever-advancing pace of digitalization in the automotive industry.

### **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](#)

