



## Internship: Application Engineering

### Job description

You are a motivated student (f/m/div)\* within technical studies who wants to gain practical experience in an international successful company? Then apply now for this internship and support our team.

#### In your new role you will be responsible for the following tasks:

- Development and testing of 3-phase motor drive test setups (up to several kW of power)
- Development of inverter/motor simulation models in Simetrix/LTSpice software
- Analysis of technical issues and development of solutions
- Assembly and testing of demobboards and parts
- First Customer support on component level
- Writing Test Documentation and Evaluation of Results

#### Further information:

Duration: Temporary / Part-time  
Start: Summer 2020

### Profile

You are best equipped for this task if you:

- are currently studying **Systems Engineering, Electrical Engineering** or **Electronics**
- have the capability to **work autonomously** and **self-responsible**
- **understand** fundamental principles of **electro-mechanical power conversion**
- have basic **technical knowledge** in DC power conversion topologies, power switches and electrical motors
- have knowledge in **test engineering**, using an oscilloscope, power supplies etc.
- are willing to learn all about battery powered motor drive application
- have **very good English** skills

#### Additionally:

- Programming skills (C)
- Familiar with Matlab
- Thermal analysis softwares (like Ansys) is a plus
- Basic experience in PCB Design and Layout (Altium, Eagle, Cadence)

This position is subject to the collective agreement for workers and employees in the electrical and electronics industry. Bachelor students receive a compensation of **1.914,45 Euro** gross p.m. (Full-time basis for Bachelor students) and Master students receive a compensation of **2.242,19 Euro** gross p.m. (Full time basis for Master

### At a glance

Location: **Villach**  
Job ID: **38041**  
Start date: **immediately**  
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:

Job ID: **38041**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)

### Contact

Gabriel Julia



students).

**Please attach the following documents to your application:**

- Motivation letter
- CV
- Certificate of matriculation at a university
- Transcript of records
- Highest completed educational certificate (Matura certificate for Bachelor students, Bachelor certificate for Master students)

