Internship: Concept Engineer/System Architect

Job description

In general we are looking for students (f/m/div*) with the willingness to work in a challenging environment within a highly motivated team. This specific job is suitable for students in the field of Computer Science, Electrical Engineering or a related subject. Apply now for this internship!

During your time with our Concept engineering team your responsibilities will include:

- **Getting insight** and **improving understanding** of resonant **inverter topologies** for inductive cooking
- **Developing control algorithms** for resonant converters;
- **Implementing** a **System C-AMS simulation** model of a resonant convert
- **Performing** experimental **measurements** to validate the model

Further information:

Duration: Temporary / part-time
Starting date: Summer 2020

Profile

You are best equipped for this position if you:

- Are studying **Computer Science, Electrical Engineering** or a related subject
- Are well versed with **electrical simulations** (Spice, MATLAB/Simulinks, PLECS or similar)
- Knowledge of **C/C++ coding** would be an advantage
- Have a good level of **English**
- Enjoy working in an international team and are eager to learn new things
- Are a team player who is not afraid to share your own ideas to achieve the best results
- Have knowledge of resonant converter would be a plus

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 students)

Please attach the following documents to your application:

- Motivation letter
- CV
- Copy of your Certificate of matriculation at a university
- Copy of your Transcript of records

At a glance

Location:	**Villach**
Job ID:	**303784**
Start date:	**Jul 01, 2020**
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: **303784**
www.infineon.com/jobs

Contact

Julia Gabriel

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- Copy of the highest completed educational certificate (Matura certificate for Bachelor students, Bachelor certificate for Master students)