Master Thesis: Designing a Scheduling Tool for Real-Time Tasks

Job description

At KAI GmbH, you will perform your thesis project in an industrial research environment, guided and supported by experienced researchers in such diverse areas as hard- and software design, simulation, modeling and semiconductor technology. We work in close cooperation with universities and research facilities supporting your academic education, whereas our industrial partner Infineon offers interesting opportunities for a prospective career path in the semiconductor industry.

During your thesis project, we expect you to become a growing expert for real-time systems as well as scheduling mechanisms. This means you will acquire some special knowledge and perform dedicated tasks:

- Investigating and understanding various real-time protocols and their scheduling techniques
- Designing and implementing a GUI-based scheduling tool
- Implementing a verification of the correctness of the user provided configuration
- Documentation of the software components and writing the Master thesis

Start:

immediately
Contract type: Temporary (6 to 9 months) part or full time

Profile

You are a **master student** at a university (of applied sciences) covering the area of **Informatics or Information Technology** and you are best equipped for this task if you are able to:

- Start right away, because you have completed most of your exams
- Provide some knowledge and experience in GUI programming (Python, Java, LabVIEW,)
- Work and communicate well with our international team in **English and/or German**
- Provide relevant documents: CV, Bachelor certificate, transcript of records from your university

This position is subject to the collective agreement for workers and employees in the electrical and electronics industry. The salary for this position is € 2.210 gross p.m. (full-time basis).

At a glance

Location:	**Villach**
Job ID:	**37594**
Start date:	**immediately**
Entry level:	**0-1 year**
Type:	**Full time**
Contract:	**Temporary**

Apply to this position online by following the URL and entering the Job ID in our job search:

Job ID: **37594**
www.infineon.com/jobs

Contact

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