Driving decarbonization and digitalization. Together.

Internship - System Application for Contactless System

Job description

The student, as part of the global Application Engineer team and under the guidance of an assigned mentor, will undertake projects working on Infineon's smartcard solution

In your new role you will:

- **Support in software development** of the demo for a target smart card application
- **Research, investigate and fix** wide range of technical issues
- **Approach problems and create solutions** while **proactively learning about new technologies**
- **Implement and execute international compliance standards** that ensure quality and functionality of a contactless system
- **Verify system integration test results** and **generate document guidelines**

Internship learning outcomes:

- **Learn different contactless systems and applications**
- **Understand international compliance standard**s, e.g. ISO/IEC 14443, EMVCo and other new technology
- **Develop a good practice on software developmen**t and **system integration**

Profile

You are best equipped for this task if you are/have:

- **Current undergraduates** pursuing relevant field of studies in Engineering /Science, Electrical/Electronics, RF Engineering are welcome to apply
- **Experience with various programming languages** (C/C++, Java, and etc) and **iOS /Android development** is a plus
- **Hands-on attitude, inquisitive thinking, good teamwork**
- **Strong communication, presentation skills and ability** to interact with cross-functional teams
- **Self-motivated, strong problem-solving abilities and results-oriented**

Benefits

At a glance

Location:
Job ID: **HRC0881137**
Start date: **Jan 02, 2025**
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. Alternatively, you can also scan the QR code with your smartphone:

Job ID: **HRC0881137**
www.infineon.com/jobs

- **Singapore:** Wide range of training offers & planning of career development; International assignments; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor; Staggered working hours for normal shift employees ; Home office options, certain conditions apply.; Part-time work possible (applicable for normal shift employees); On-site day-care center; Medical coverage; On-site social counselling and works doctor; Health promotion programs; On-site canteen; Private insurance offers; Paid sick leave according to law, personal accident & work injury insurance, long term illness leave; Retirement benefits, re-employment opportunities, employment assistance payment; Performance bonus; Provision of long haul transport for shift and shuttle services for office to defray transport costs

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.

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.
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.