Driving decarbonization and digitalization. Together.



Internship - Digital Design Verification

Job description

In your new role you will:

- Read and understand functional, architectural and implementation specifications;
- Define and develop test scenarios required to verify that IP/ASIC meets functional and performance goals;
- Define and implement coverage plans;
- Maintain or develop verification environments to support IP/ASIC development;
- Find **r oot cause of design flaws** hunting and reporting bugs in designs

Profile

You are best equipped for this task if you have:

- On track to attain Bachelor's Degree in Electronics/ Engineering or other similar field of study;
- Knowledge of electronic devices and circuits, digital integrated circuits, computer architecture;
- Knowledge of hardware description language (Verilog/VDHL), hardware (functional) simulation;
- Basic knowledge about C and C++;
- Able to read English documents

Other preferred traits:

- Knowledge or experience on hardware verification language(SystemVerilog) and methodology (UVM) is preferred;
- Hands-on experience with hardware simulation tools and scripting;
- Experience with working on **Unix/Linux** environment;
- Hands-on experience with **FPGA**;
- Experience working in university labs on IC design topics;

Why Us

Driving decarbonization and digitalization. Together.

At a glance

Location: Hanoi (Vietnam)

Job ID: HRC0709613_1

Start date: Jul 01, 2024

Entry level: 0-1 year

Type: Full time / 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: HRC0709613_1

www.infineon.com/jobs





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.

