Driving decarbonization and digitalization. Together.

Internship - SOC Testbench Infrastructure Automation

Job description

The intern, as part of the Chip Verification Cluster team and under the guidance of an assigned mentor, will generate testbench infrastructure using machine readable source.

In your new role you will:

- **Develop new generation scripts and automation** to generate **major parts of the System-on-Chip testbench**

Internship learning outcomes:

- Learn about components of an SOC
- Learn SOC Testbench Architecture
- Improve your programming skills in python

Profile

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

- Bachelor / Masters' Degree in Engineering / Electronics/Computer Technology / Data Science / Information Technology
- Skills and interest in scripting and programming (Python and/or Perl)
- Knowledge in UNIX
- Self-initiative / Proactive
- Good analytical, critical thinking and problem solving skills

Benefits

- **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

At a glance

Location:	**Singapore (Singapore)**
Job ID:	**HRC0691790**
Start date:	**Jun 03, 2024**
Entry level:	**0-1 year**
Type:	**Full time**
Contract:	**Temporary**

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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.