

Driving decarbonization and digitalization. Together.



Working Student: Performance Verification (f/m/div)

Job description

Would you like to be part of our System Performance Modeling team? Do you enjoy working in highly innovative areas? We are looking for a working student who wants to contribute to the ongoing efforts to use our architectural performance simulation for the performance verification of the final SoC before tape-out. The methodology is based on the generation and simulation of constraint random workloads that get generated by the Cadence Perspec tool and passing the simulation results in the right format to our verification colleagues. As a working student, you will work in an interdisciplinary environment together with our verification colleagues defining and implementing the interfaces between the architectural performance simulation and the verification environment. The architectural performance simulation is done with the Synopsys Platform Architect. Are you interested? Then apply and make life easier, safer and greener with us! We are looking forward to your application!

- **Take responsibility:** You maintain and integrate custom Perspec models into our framework to enable the generation of workloads
- **Keep the overview:** You develop a suitable environment in the Synopsys Platform Architect performance simulation tool to generate the needed simulation results for the performance verification
- **Being strong together:** You participate in the discussions with the verification colleagues and implement the agreed interfaces
- **Keep up to date:** You document the work and results and present them in regular scheduled meetings

Profile

- **Study field:** You are currently studying Electrical Engineering or Computer Science, or similar field of study
- **Skills:** You are familiar with object-oriented programming; ideally with C/C++ and SystemC
- **Experience:** You are well versed in hardware description/verification languages like Verilog/SystemVerilog. Knowledge in Specman-e and Perspec is not required but would be a plus
- **Way of working:** You have proficient writing skills and an independent working style
- **Language skills:** You have excellent English skills, both written and spoken

Please attach the following documents to your application:

At a glance

Location:

Job ID: **HRC0800501**

Start date: **Jul 15, 2024**

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. Alternatively, you can also scan the QR code with your smartphone:

Job ID: **HRC0800501**
www.infineon.com/jobs

Contact

Inês Andrade

Trainee Emerging Talent



- CV in English
- Certificate of enrollment at university
- Latest grades transcript (not older than 6 months)
- High school report

Important information:

- **Working part-time:** The focus is on studies. Therefore, working as a student is possible during the lecture period with a maximum of 20 hours per week.
- **Proper students (according to the German law) are welcome:** You must be enrolled and the examination results or modules of your studies must not have been completed yet, so that you can still work in our team for at least 6 months. You must also not be in a semester of leave.
- **You should live close to the site:** It is important for us to work with you on site and to integrate you into the team. You should therefore be able to come to the site regularly.

Why Us

[Find out](#) what we are looking for in your CV

[Find out](#) how the student application process works with us

[Discover](#) our student website

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.

– You can find the headquarters of Infineon Technologies AG in Neubiberg –

In Campeon, besides working towards our goal of being one of the most sustainable companies in the world, we are improving everyone's future by making the technology of tomorrow.

At Infineon, we take work-life balance very seriously. You will be a step away from the center of Munich with its infinite possibilities. Whether you're a history buff, a foodie, or simply looking for relaxation in the city. Munich has something for everyone. Come and discover the warmth and charm of this city, where Bavarian hospitality meets modern urban living.

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.

We look forward to receiving your resume, even if you do not entirely meet all the requirements of the job posting.

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.

