

Driving decarbonization and digitalization. Together.



Master Thesis: Product and Test Engineering (f/m /div)

Job description

Are you a master's student looking to start a challenging career in a future-oriented company? Would you like to experience a dynamic environment, where you can share your ideas with our experienced professionals? If you are passionate about high-tech and have the skills to improve it – apply now to join our R&D Center in Padova!

As a Master's Student, you will have the chance to develop your thesis as part of the Product and Test Engineering team, by contributing to shaping the future of Microcontrollers by enabling customers and ensuring all NVMs functionality at the highest profitability and quality.

By joining our team in Padova, you will be able to:

- **Develop test programs** for volume production, characterization, and lab measurement automation;
- **Develop and debug** embedded SW for testing the NVM of automotive microcontrollers;
- **Interface laboratory equipment for testing and debugging;**
- **Analyze production data** for yield and test time optimizations;
- **Support design and test optimizations** for R&D.

Profile

You are a team player with good communication skills and a structured and analytical working style. You are eager to improve your skills and excel in an international and multicultural environment.

You are best equipped for this role if you:

- Are a **Master's degree student** in **Electronics Engineering, Computer Engineering, Automotive Engineering**, or a similar field;
- Have attended **lectures or lab courses** in Microelectronics; Microprocessors /Microcontrollers Architectures; Hardware-Software design of embedded systems; Test, Diagnosis and Reliability; Database processing and statistic algorithms; Machine learning;
- Have **programming skills** in **C/C++, Python** and **Java**;
- Have knowledge of any **scripting language**;
- Have basic knowledge of statistical **data analysis**;
- Have **intermediate English** communication skills.

At a glance

Location:

Job ID: **HRC0808847**

Start date: **as soon as possible**

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: **HRC0808847**
www.infineon.com/jobs

Contact

Sofia Carvalho
Recruiter



Please send us your **CV in English and include a copy of your certificate of enrollment at the university and your latest grade transcript** so we can get to know you better.

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.

– At our R&D center in Padova we develop next generation Automotive applications –

In Padova we combine Italian creativity with German operational excellence to develop innovative semiconductor solutions for clean, safe and smart cars.

Here you will find a dynamic team made of highly skilled professionals from 15 different countries, who combine the experience of the senior engineers with the energy of young graduates.

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.

