



Student Job: Digital Verification (f/m/div)*

Job description

Are you passionate about electronics and want to join an energetic verification team using leading-edge tools and methodologies? Do you want to help shape the future of the automotive sector? Then take the chance and come on board! Join our team in Bucharest as a Digital Verification Working Student and have a great start into your career.

As a Digital Verification Working Student, you will join our Product Development team in Bucharest, working on the implementation of ultra-safe, high-reliability, and low power chips.

In your new role you will:

- **Support creating verification plans and test suites** based on design specifications;
- **Develop block-level functional test benches** to check the proper behavior of circuits;
- **Build verification environments** consisting of test benches for top/block level;
- Support **developing top-level functional test cases using real number models and analog schematics** integrated with digital designs;
- **Run RTL simulations** using dedicated tools
- **Generate reports** analyzing verification coverage

Profile

You are excited about future trends and creating the products of tomorrow. With a structured and autonomous working style, you show good analytical skills that support you in solving problems. Furthermore, you always contribute to a good team atmosphere and cooperate across boundaries.

We believe you will be an excellent fit for this role if you have:

- Completed at least 2 years of studies in **Electrical Engineering, Computer Science** or similar field;
- **Knowledge of fundamental semiconductor principles and operation** (Electronic Devices and Circuits, Electronic Circuits Fundamentals);
- Knowledge of **object-oriented programming languages**;
- Understanding of **Microprocessor Architecture**;
- Understanding Digital Design/Verification (Digital Integrated Circuits) or FPGA implementation is a plus;

At a glance

Location: **Bucharest (Romania)**
Job ID: **350508**
Start date: **as soon as possible**
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:

Job ID: **350508**
www.infineon.com/jobs

Contact

Cristiana Sequeira
Student Attraction Manager



- Knowledge of digital design simulation/verification tools is a plus;
- Advanced level of **English**.

Please send us your **CV in English** so we can get to know you better - We believe that commitment and passion play a key role in everything we do: **make sure you show us your passion by sharing some of the projects you have worked on** in your application.

Benefits

- **Bucharest:** Coaching, mentoring networking possibilities; Wide range of training offers & planning of career development; International assignments; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor; Flexible working hours at many sites; Home office options; Medical coverage; Health promotion programs; On-site gym with special rates; On-site canteens; Wage payment in case of sick leave based on applicable law; Corporate pension benefits for engineers; Performance bonus options; Accessibility, access for wheelchairs

Why Us

Part of your life. Part of tomorrow.

We make life easier, safer and greener – with technology that achieves more, consumes less and is accessible to everyone. Microelectronics from Infineon is the key to a better future. Efficient use of energy, environmentally-friendly mobility and security in a connected world – we solve some of the most critical challenges that our society faces while taking a conscientious approach to the use of natural resources.

– Automotive (ATV) shapes the future of mobility with micro-electronics enabling clean, safe, and smart cars –

Semiconductors are essential to realizing key trends like eMobility, automated driving and secure, connected cars. Infineon **ATV** is the #1 semiconductor partner in the fast-changing automotive world, based on our system knowledge coupled with our passion for innovation and quality. We are a key driver in the ever-advancing pace of digitalization in the automotive industry.

** The term gender in the sense of the General Equal Treatment Act (GETA) or other national legislation refers to the biological assignment to a gender group. At Infineon we are proud to embrace (gender) diversity, including female, male and diverse.*

