



Senior Engineer Design System (f/m/div)*

Job description

Is automatic code generation your passion? Then you are right here! With us you would not only develop design models in UML but also the tools that generate code from them. These are used worldwide by our circuit designers from all departments - from automotive to security - and can significantly increase efficiency. We cover analog and digital equally and are always on the lookout for hidden potential together with the user. Infineon developed a strategy and an design infrastructure, supporting that strategy which significantly boosts design productivity. Infineon (CAD team) searches a senior engineer who can develop and enhance the infrastructure.

In your new role you will:

- **Define data sources, data flow, develop and constantly optimize the generator** to achieve maximum performance, feature set and maintainability
- **Improve existing software modules** including refactoring and maintenance of existing code
- **Demonstrate the tool performance and provide status tracking** information to the stakeholders
- **Be an accountable partner** and **collaborate with our worldwide user community in technical expertise**
- Design, develop, maintain, enhance the **SoC Automation methodology** (before RTL)

Profile

You are best equipped for this task if you have:

- A **degree in computer science, electrical engineering** or comparable
- At least **1-3 years of professional experience in semiconductor development** - with insights into software development or design methodology (EDA tools and flow)
- Sound **experience in Python, UNIX, Algorithms and Data Structures**
- Enjoy **working in an international agile team setup**
- First **experience in hardware description languages**, e.g. VHDL, System Verilog desirable
- Interest in proactively **contributing ideas and technical solutions**
- **Fluent written and spoken in English and German** language is an advantage

Benefits

At a glance

Location: **Munich (Germany)**
Job ID: **337570**
Start date: **as soon as possible**
Entry level: **1-3 years**
Type: **Full time**
Contract: **Permanent**

Apply to this position online by following the URL and entering the Job ID in our job search:

Job ID: **337570**
www.infineon.com/jobs

Contact

Mona Straßmair
Talent Attraction Manager



- **Munich:** 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 conditions; Home office options; Part-time work possible (also during parental leave); Sabbatical; On-site creche and kindergarden with 120 spots, open until 6pm; Holiday child care; On-site social counselling and works doctor; Health promotion programs; On-site gym, jogging paths, beachvolleyball, tennis & soccer court; On-site canteen; Private insurance offers; Wage payment in case of sick leave; Corporate pension benefits; Flexible transition into retirement ; Performance bonus; Reduced price for public transport and very own S-Bahn station; Access for wheelchairs

Why Us

Part of your life. Part of tomorrow.

Infineon is a world leader in semiconductor solutions that make life easier, safer, and greener. Our solutions for efficient energy management, smart mobility, and secure, seamless communications link the real and the digital world.

The central R&D organization „**Design Enabling and Services**“ (DES) provides the design environment to the different Infineon product development teams. With state-of-the-art design methods, building blocks and a wide range of product development services DES supports Infineon's advanced IC development from early high-level system models to verified products ready for manufacturing.

** 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.*

