



Senior Staff Engineer Product Security (f/m/div)*

Job description

Would you like to take on the challenging role of being a security evaluator of our high security solutions (some examples: smartcard, embedded security controllers, payment and government ID applications)? Then come and join our team as Senior Staff Engineer Product Security (f/m/div)*! Make sure to apply now! The Technical Ladder is a special career path for those who share innovative ideas, demonstrate comprehensive technical knowledge, show thought leadership, possess problem solving abilities and are able to create business value.

In your new role you will:

- **Perform penetration testing and analyze our security concepts**, both with manipulative, semi-invasive, observing and logical attacks, as well as on theoretical level
- **Conduct code reviews of secure software**, with the aim of identifying vulnerabilities; participate in the **definition of adequate counter-measures**
- Be working in our well-equipped security lab to **setup attacks** together with **specialists in invasive, semi-invasive and side-channel attacks**
- **Develop test-framework and attack software and methods for security penetration testing** on security microcontrollers
- **Integrate equipment in existing test-benches and further develop and improve test-benches**
- **Act as an expert** in specific areas of security, **providing state-of-the-art consultancy**

Profile

You develop, implement, and market creative ideas, and you have a clear notion of how innovation contributes to the commercial success of the company. You set yourself ambitious goals and take the initiative and act responsibly. You strive for continuous improvement, feel responsible for and contribute to the team success.

You are best equipped for this task if you have:

- A degree in **electrical engineering, physics, computer science or similar**, preferably in the area of **cybersecurity for embedded security**. The focus is on **cryptography**.
- Ideally **minimum 5 years of professional experience**
- Experience in the world of **hardware and software penetration testing**
- Experience in **side channel and fault attacks against cryptographic services** in embedded devices (both practical testing and theoretical evaluation)

At a glance

Location:

Job ID: **340407**

Start date: **as soon as possible**

Entry level: **5+ 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: **340407**
www.infineon.com/jobs

Contact

Dagny Alexa Romeike

Talent Attraction Manager



- Experience in various **programming languages** (Java, C, and Assembler)
- Ideally a **first experience in secure programming and corresponding code review**, ideally with 32bit ARM core implementation
- Experience in working with **external evaluation facilities** - is highly beneficial but not mandatory
- **Fluent English** skills, German is beneficial

Benefits

- **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.

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.

– Connected Secure Systems (CSS) delivers security for the connected world –

The **Connected Secure Systems (CSS)** segment offers comprehensive systems for a secure, networked world with a portfolio built around reliable, trendsetting microcontrollers as well as wireless connectivity and security solutions. Over the past decades, CSS has developed microcontroller, Wi-Fi, Bluetooth and combined connectivity solutions (known as connectivity combos) and hardware-based security technologies. The products are used in a broad range of applications: from consumer electronics, IoT and home appliances to IT equipment, cloud security and networked cars all the way to credit and debit cards, electronic passports and IDs. With its leading technologies in the areas of computing, connectivity and security, CSS makes a decisive contribution to protecting today's and tomorrow's networked systems.

[Click here](#) for more information about working at CSS with interesting employee and management insights and an overview with more #CSSDreamJobs.

** 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.*

