



Principal Engineer Product Security (f/m/div)*

Job description

Connected Secure Systems is your field of interest and you would like to bring in your knowledge and expertise to make the world safer? As one of Infineon's technical Experts you will strive for best ethical hacker results. Exchanging your ideas with others in order to develop innovative, possible future threats and figure out the best solution to prevent them. With this position you will be entering our „technical ladder“: our career path for experts. You will be able to focus deeply on technology – while further pursuing your career. As you continually expand your expert knowledge, puzzle over matters and solve problems, you will position yourself as a thought leader – thus helping our products improve our world a bit more each day.

In your new role you will:

- Be responsible **for the security assessment of security concepts and implementations** for native and Java Card OS, as well as Java Card Applets
- Conduct **theoretical weakness analysis** like code review and concept review
- Develop **test software for security penetration** testing on security Micro-Controllers and improve test-benches
- Perform **practical attacks** as fault injection, logical and functional tests, fuzzing
Act **as an expert in specific areas of security, providing state-of-the-art consultancy**

Profile

You are keen to develop your skills about Product Security and share your knowledge with others. Over this you like taking new challenges without knowing the right path to an eventual solution in advance. With your team up mentality you are able to quickly establish successful cooperation.

You are best equipped for those tasks if you have:

- A **degree in Electrical Engineering, Mathematics** or similar field
- At least **6 years of work experience in the world of embedded hardware and software security assessment**
- Ideally, you already have **worked in an IT Security Evaluation Facility (ITSEF)**, e.g. in the scope of common criteria evaluation
- **Experience with programming languages** like Java, C, C++, Python and Matlab
- An independent working style, striving to bypass conventional approach, combined with the willingness to keep on learning
- **Fluent English and at least intermediate German skills**

At a glance

Location: **Munich (Germany)**
Job ID: **311722**
Start date: **immediately**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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Contact

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