

Reference Number: 50019592

## Software Engineer (m/f/d) Cyber Security Testing



Location:

Aachen, Stuttgart



Worktime:

Full-time

### YOUR TASKS

- Penetration testing of IP Networks
- Web based pen testing
- Fuzz testing
- Side channel attacks and Analysis
- Setup and operation of automated testing, e.g. coding guideline checks
- Execution of security related activities within automotive software development projects, ranging from definition of security targets, risk/threat modeling, and implementation
- Functional verification of security related software components
- Technical discussions with customer and suppliers of security testing related topics

### YOUR QUALIFICATION

- Finished your studies of computer science or electrical engineering or any other comparable academic studies
- Experience in security related testing activities
- A good understanding of security-related development principles like trust boundaries and related processes
- Ideally experience with public key and elliptic curve cryptography
- Knowledge of security-related standards, ideally from both automotive and non-automotive Industry
- A sound knowledge of C programming Knowledge and experience in code generators is a plus
- Excellent English language skills written and spoken, knowledge of German is beneficial
- High degree of flexibility and innovation capability under tough conditions
- Teamwork in international and global teams is one of your strong points as is also autonomous and responsible operation

Laura Bock

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## DATA PROTECTION FOR APPLICANTS

Here you can find our current privacy agreement for applicants: [FEV Data Protection for Applicants](#)