

Reference Number: 50019608

Software Engineer (m/f/d) Automotive Security



Location:

Aachen, Stuttgart



Worktime:

Full-time

YOUR TASKS

- Execution of security related activities within automotive software development projects, ranging from definition of security targets, risk/threat modeling, and implementation
- Specification of security related requirements for automotive controllers, including both hardware and (basic) software related requirements
- Design, implementation and verification of security related software components mainly using (embedded) C
- Handling of suppliers with respect to timing, deliverables, quality etc.
- Technical discussions with customer and suppliers of security related topics
- Definition of security-related software development processes and introduction of these into the organization

YOUR QUALIFICATION

- Finished studies of computer science or electrical engineering or any other comparable academic studies
- First experience with respect to digital security, e.g. in IT
- A good understanding of security-related development principles like trust boundaries and related processes
- Familiarity with the automotive security standard ISO 21434 and ideally requirements definition and TARA
- Basic knowledge of security-related standards, ideally from both automotive and non-automotive industry
- A sound knowledge of C or experience in software tools like Matlab/Simulink and code generators is a plus
- Ideally you are experienced with automotive basic software stacks incl. connectivity related features
- 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](#)