About Fraunhofer AISEC

The Fraunhofer Institute for Applied and Integrated Security (AISEC), located in Garching (near Munich), is one of the leading research and development organisations for applied and integrated IT security in Germany and Europe. As specialists for IT security, we build trustworthy ICT-based systems in close cooperation with partners from industry, research and the public sector. We work for and with companies and institutions across all industrial and business sectors.

For further information about our institute, please visit:
http://www.aisec.fraunhofer.de

Please apply online and attach the following documents:

- Motivation letter
- CV
- Copies of all school and academic records including marks as well as work certificates
- Certificate of German language skills

http://ais.ec/job22420

IS THE DEVELOPMENT OF SECURE, SOFTWARE-BASED SYSTEMS WHAT YOU WANT TO DO? WE AT FRAUNHOFER AISEC WOULD LIKE TO OFFER YOU AN EXCITING POSITION IN THE AREA OF SECURE SOFTWARE ENGINEERING AS A

RESEARCH ASSOCIATE (M/F): SOFTWARE SECURITY

What we expect from you

- A completed scientific degree in Computer Science or a related area
- Practical knowledge and experience in the development of secure, software-based systems
- Experience in using methods and tools from software engineering as well as security engineering for, for example, risk analysis or vulnerability analysis
- Ability to work independently and in an engaged manner on both conceptual as well as applied tasks
- Strong ability to work in a team
- Very good knowledge of the German (minimum level B2) and English language, both written and spoken
- Both an experimental nature and an interest in the research and practical application of innovative solutions for the production of secure software

What you can expect from us

Your core activities will consist primarily of work on application-oriented national and international research and development projects with partners from industry and research. The focus is on the development of methodological and technical solutions to improve the IT security of software-based systems.

Also included in this job specification are the analysis of security risks and the assessment of the security level of existing systems. In addition, we expect you to develop tailored protection concepts, and to perform in-depth security analysis of software-based systems to detect and assess threats and vulnerabilities. The insights gained through these activities will be used to develop new, innovative solutions and publish them in scientific and technical publications.

We offer a challenging job in a young and creative work environment of a research institute as well as a wealth of possibilities for personal and professional development at one of the most popular employers in Germany. For those that meet the qualifications and who have interest, we also support further education at the PhD level.

Remuneration according to TVöD pay grade 13 (dependent on qualifications). In case of identical qualifications, preference will be given to severely disabled candidates. The Fraunhofer-Gesellschaft is committed to providing equal career opportunities for men and women. This vacancy is also available on a part-time basis.