



We have an immediate opening in our **Broadband and Broadcasting** department in **Erlangen** for a

Software developer

in the area of broadcast applications

Are you interested in contributing to the implementation and propagation of state-of-the-art broadcast systems? Are the terms **DAB, OFDM methods, demodulation or software defined radio** more than just empty phrases to you?

Then we may have the right position for you!

DAB and DRM are digital broadcast standards that are becoming more well-established. Our institute has made significant contributions to the development of these standards and all of the components used in the worldwide introduction of digital broadcast systems. The Broadband and Broadcast department develops and markets software components for radio receivers. With this position, you will be part of the team that is responsible for the quality of the digital signals received by vehicle and home radios.

Your tasks as a software developer for broadcast applications

You will develop software for embedded systems and test and validate radio receivers and the associated components. You will also be responsible for integrating software components under various operating systems.

Your profile

- University degree in computer science or electronics engineering and knowledge of telecommunications technology
- General knowledge of digital broadcast systems and the underlying transmission methods
- Experience with the C/C++ programming languages, as well as script languages such as Python or Perl
- Good oral and written communication skills in English for dealing with international customers

Initial exposure to hardware or processor structure design, as well as embedded software development, is a plus.

What you can expect from us

You will have the opportunity to raise your profile in the research world by publishing your own work and participating in scientific conferences. Through your participation in diverse projects with a high level of real-world applicability, you can actively help shape tomorrow's technologies. We offer an open and friendly work atmosphere and the chance to develop your personal and professional skills through an extensive selection of training and education programs. We promote a work-life balance through flexible hours and a variety of services.

Employment, compensation and social benefits are provided in accordance with the German civil service collective bargaining agreement (TVöD). This position is initially based on a fixed-term contract. Equally-qualified applicants with severe handicaps and disabilities will be given preference.

Please send your application in PDF format, including a cover letter, resume and references, to Meike Hillenbrand (personalmarketing@iis.fraunhofer.de) referencing **IIS-2016-22** and **let us know how you learned about this position**. Motivated first-time job seekers are also encouraged to apply.

Additional information about career opportunities at Fraunhofer IIS is available at: www.iis.fraunhofer.de/jobs