

CAN I COMBINE SCIENCE AND BUSINESS IN A SINGLE JOB?

YES.

We'll show you how at Fraunhofer IIS.

To expand our team in the Audio for Embedded Systems Department, we have an immediate opening for a

Software Engineer (m/f)

Real-time processing of audio signals

The Audio & Media Technologies Division at Fraunhofer IIS is conducting research and development of audio and video coding methods, in addition to the transport of multimedia data via IP streaming networks and radio/TV broadcasting.

Are you interested in **real-time processing of audio signals**? Do you want to help develop the **technologies of tomorrow** in this field?

Then we have the right position for you!

As part of our team, you will have the chance to design and optimize audio coding and audio processing algorithms for the use in close-to-hardware environments, which will be used in many millions of devices - such as TV sets, digital radios or smart phones. You will develop, test and simulate platform independent software for digital signal processors, as well as for embedded and mobile systems - and you will test and validate them on prototypes and end user devices.

Your profile

- University degree in the field of Engineering or Natural Sciences
- Solid skills and knowledge in the programming language C
- Basic knowledge of digital signal processing, particularly related to audio signals
- Advantageous: programming know-how in the field of digital signal processors, audio coding expertise and programming experience with Android and iOS operating systems
- Good oral and written communication skills in both German and English

What you can expect from us

This position is also suitable for **first-time job seekers** who have acquired the **requisite knowledge** and experience through internships and undergraduate/graduate theses.

We offer a **diverse** and **challenging field of work** in an **international environment**, oriented toward state-of-the-art research and technology, with the opportunity **for personal and professional development**.

Furthermore, we offer **work-life balance** through flexible work hours and various support programs. Hiring, salary and social benefits are structured in line with the German civil service collective bargaining agreement (TVöD). The employment agreement will initially have a term of 2 years.

Have we piqued your interest? If so, we look forward to receiving your resume in PDF format. Please include a cover letter, school certificates, performance reports and references if available. Send your application stating the reference number IIS-2017-13 to Claudia Kestler-Böhm, personalmarketing@iis.fraunhofer.de, and specify **IIS-2017-13**.

Additional information is available at: <http://www.iis.fraunhofer.de>