We have an immediate opening in our **Power Efficient Systems** department in **Nuremberg** for a **Hardware / Software Development Engineer** for Satellite Navigation Receivers

Are you interested in **satellite navigation** and developing hardware/ software for **GNSS receivers**? Are VHDL, SoCs and creating concepts as well as models and their implementation more than just empty phrases to you?

Then we may have the right position for you!

**Your tasks as Hardware / Software Development Engineer will involve**

- Designing of algorithms and components for processing GPS and Galileo satellite navigation signals
- Implementing and testing algorithms and components in a hardware description language (VHDL) for FPGAs, ASICs, SoCs
- Contributing to definition of system requirements, including feedback on limitations and feasibility
- Carrying out engineering activities such as problem investigation, defect resolution and testing

**Your profile**

- Completed Bachelor’s or Master’s degree in an engineering science or comparable education
- Extensive expertise in a hardware description language (VHDL/Verilog)
- Sound knowledge of embedded systems, especially Linux-based
- Programming skills in Matlab and C/C++
- Know-how in all aspects of hardware/software engineering, from requirements definition to system architecture, implementation and testing
- Good communication skills in English, German 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 environment 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.

**Interested?**

**Do not hesitate!** Join our team and work with us on the technology of tomorrow and send your application in PDF format, including a cover letter, resume and references, to Andrea Dragon (personalmarketing@iis.fraunhofer.de) referencing **IIS-2017-3**. Motivated graduates are also encouraged to apply. Please let us know how you learned about this position.

For more information about the institute and its products, have a look at: [www.iis.fraunhofer.de](http://www.iis.fraunhofer.de)