



HARMAN (harman.com) designs and engineers connected products and solutions for automakers, consumers, and enterprises worldwide, including connected car systems, audio and visual products, enterprise automation solutions; and services supporting the Internet of Things. With leading brands including AKG®, Harman Kardon®, Infinity®, JBL®, Lexicon®, Mark Levinson® and Revel®, HARMAN is admired by audiophiles, musicians and the entertainment venues where they perform around the world. More than 25 million automobiles on the road today are equipped with HARMAN audio and connected car systems. Our software services power billions of mobile devices and systems that are connected, integrated and secure across all platforms, from work and home to car and mobile. HARMAN has a workforce of approximately 30,000 people across the Americas, Europe, and Asia. In March 2017, HARMAN became a wholly-owned subsidiary of Samsung Electronics. HARMAN is an Equal Opportunity /Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability or Protected Veterans status. HARMAN offers a great work environment, challenging career opportunities, professional training and competitive compensation. Looking for a challenge where your experience is valued? Come see what you can achieve as a leader with HARMAN! (www.harman.com)

For our office in Garching bei München we are looking for a

DSP Engineer (m/f)

Additional work locations: Straubing, Budapest (HU)

Tasks/Responsibilities:

- Modelling of Digital Signal Processing (DSP) algorithms
- Creation of software requirements based upon the software architecture
- Modelling of DSP signal processing algorithms with Matlab / Simulink
- Porting and optimization of DSP algorithms to embedded hardware
- Maintenance of existing DSP source code libraries
- Perform design and code reviews
- Design and execute module (unit) tests
- Remove defects found and hand over tested DSP software modules for integration testing
- Adhere to the standard software development process (ASPICE compliant) and MISRA coding standards
- Enhance existing software modules based on newly allocated requirements, change requests and problem reports

Required Skills:

- Master or Bachelor's degree in Computer Science, Computer Engineering, Software Engineering, Electrical Engineering or a related technical discipline
- Excellent knowledge of digital signal processing (DSP), preferably in the area of audio signal processing, including DSP programming (ADI, TI DSP)
- Excellent knowledge of object-oriented software languages (C/ C++), Matlab/Simulink and ideally UML
- At least 3-5 years of experience in embedded real-time software development
- Long-term experience with modern software development tools like JIRA, Perforce, SVN, DOORS
- Broad experience with communication protocols (e.g., MOST, AVB or others) needed
- Good written and verbal communication skills both in German and English
- Flexible in terms of tasks and responsibility
- Good presentation skills to customers
- Self-motivated, passionate about audio and high sense of responsibility



Our Offer:

- Attractive salary package
- Training on the job and technical trainings
- Further development opportunities
- A great package of additional benefits such as flexible working time, allowance for public transportation, language courses, employee discounts on our HARMAN products (JBL, AKG; HARMAN Kardon) and much more

In case you are interested visit the following link:

<https://jobs.harman.com/job/Straubing%2C-Germany-Senior-DSP-Engineer-%28mf%29-BY/467329600/>

It takes 3 minutes to apply via our online portal. Simply register with your e-mail address and upload your application documents (CV, cover letter and certificates).

We have been successfully active in the market for many years and count the largest premium automakers among our customers. As an employee (m/f) at HARMAN, you have the opportunity to actively contribute to the overall company success. The dynamic environment and the international growth of our business offer you numerous options for further development. HARMAN is an employer that values equal employment opportunities for women and men. Applications from qualified women are therefore particularly welcome.

