



## JOB OFFER



The Center of Competence for Hearing Aid System Technology – HörTech gGmbH – in Oldenburg, Germany, is looking for a qualified and motivated

### Software Engineer (f/m)

to join our R&D team as soon as possible. The position is involved in an international project funded by the NIH (Grant No. 1R01DC015429-01 “Open community platform for hearing aid research” – [www.openMHA.org](http://www.openMHA.org)) and is initially limited until 30 June 2021. After expiration of the project, we strive for a long-term cooperation if the field of work develops positively.

#### Your challenge

- Drive our Open Source effort “openMHA”, an open software platform for hearing aid signal processing
- Enhance and extend our “Master Hearing Aid” platform for open source release
- Discuss and shape project focus with us and accomplish your vision for the openMHA platform
- Enable researchers worldwide to improve the situation of the hearing-impaired demographic by providing the best open tools for hearing aid research
- Engage in intensive communication and cooperation within the team, with the community, and with project partners

#### Your profile

- Master’s or higher university degree in computer science, electrical or communications engineering, physics, or a related discipline
- Excellent software development skills: proficiency in modern C++ and experience in MATLAB or Octave, proficiency in unit testing, version control, and build automation
- Willingness to adopt and improve existing code structures
- Experience in the development and implementation of real-time digital signal processing algorithms
- Ability to think outside the box and develop creative solutions
- Ability to work as part of a team
- Natural curiosity and enthusiasm for working with hard- and software
- Excellent English skills and Basic German language skills (or the willingness to acquire these)
- Experience in Linux system administration and open-source software development, knowledge in audio technology and/or in psychoacoustics or hearing research are a plus.



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## How we work

Version control (git)	Nightly builds (Jenkins, Ansible-managed build agents)	Bug tracker (e.g., github, trac)
Unit testing (e.g. Lest, Google test)	Software project management (Phabricator)	Build automation (make)
Free choice of operating system	Peer code reviews	Quiet workplaces
Cross-platform development (e.g. C++ 11 concurrency, Apple Developer Program member)		

## We offer

- Work in a field that can change people's lives
- Work on an interesting open source project with high scientific and practical impact
- Salary according to TV-L (comparable to universities) & 30 days of annual leave
- Flexible working hours & freedom to define your own workflow
- Freedom to develop your own ideas
- Opportunities for personal development (advanced training, individual meetings for personal development etc.)
- Annual R&D team events
- Company-sponsored sports activities (Hansefit)

## About HörTech

We are a leading non-profit research institute in the field of audiological and acoustical developments related to hearing systems. HörTech is involved in numerous national and international projects on developing hearing aid system technology as well as associated products.

See our project on github: <https://github.com/HoerTech-gGmbH/openMHA>

Please send your complete application (incl. letter of motivation, CV, certificates) by 20 August 2017 to:

Dr. Jörg-Hendrik Bach | Head of R&D | HörTech gGmbH | [j.bach@hoertech.de](mailto:j.bach@hoertech.de)  
and we will get back to you within 48 hours.