

# Software Engineer (m/f/d) for Audio DSP

For our Team in Gilching near Munich or Berlin-Mitte

## WHAT ARE YOUR TASKS?

- Research on & development, validation, and optimisation of machine learning models such as DNNs or generative models, also on large data sets (GPU-based training, distributed & cloud computing); shaping the future excellence of our technology with your own ideas and contributions
- Integration of developed models in products (cloud services, embedded devices), including coding of algorithms from scratch in C/C++ and/or integrating third party libraries
- Development and management of regression tests for models; deployment management for models and training data sets

## YOUR PROFILE

- PhD or M.Sc. in Computer Science, Information Technology, Electrical Engineering or equivalent degree
- Excellent skills in Python and C/C++, machine learning theoretically (e.g. Statistics, Bayes Theory, Support Vector Machines, Neural Networks, Linear Algebra) and practically (e.g. TensorFlow, Scikit learn, NumPy)
- Proficiency with Linux (Shell/Commandline, package management, bGPU drivers, scripting) and version management (GIT/SVN)
- Knowledge of other languages e.g. Java, Perl, C#, and tools such as WEKA, openSMILE, and LaTeX as well as basics in digital signal processing are preferred
- Proficient in English orally and in writing (technical documentation) and optionally in German
- Teamwork, preparedness, reliability, delivering high quality work, creative and innovative thinking

## WHAT WE OFFER?

- Working in a dynamic, highly and diversely skilled team. You will see your contributions go directly into our products and being used by our international client base
- Exciting and diverse jobs for audEERING's product portfolio including music and speech analysis tools, and custom developments for renowned national and international clients
- An excellent work environment, high-tech office space, and flexible working hours
- Close link to academic research (EU and national projects) and a highly innovative company in an exciting area with huge potential to shape future technology

# WE WANT YOU!

## WHO WE ARE?

audEERING was founded in 2012 as a spin-off of the Technical University of Munich. Today, audEERING is the only European company driving innovation in emotional artificial intelligence focused on intelligent audio analysis. Using innovative machine intelligence and deep learning techniques, audEERING's products are able to automatically analyze e. g. acoustic scenes, speaker states as well as over 50 emotional states. audEERING's customers include multinational companies such as BMW, GfK, Red Bull Media House and Ipsos. audEERING has received the Innovation Prize Bavaria 2018 for its AI technology, the „Innovator of the Year“ of the International Digital Worldcup Series in 2017 and was named „Vendor to Watch for AI“ by Gartner, Inc.

Please send your complete application via email to  
Judith Schnitzler  
[career@audEERING.com](mailto:career@audEERING.com)

### audEERING GmbH Headquarters

Friedrichshafener Strasse 1, 82205 Gilching, Germany

### audEERING GmbH Berlin-Mitte

Friedrichstraße 153a, 10117 Berlin, Germany

phone +49 (0) 8105 775 6150

[www.audeering.com](http://www.audeering.com)