))) audEERING™
intelligent Audio Engineering

For our R&D team in Gilching near Munich, Germany, we are **hiring** – starting **as soon as possible -** a

Software Engineer (m/w) for Artificial Intelligence Research

experience in C/C++, Python, Machine Learning (GMM, SVM, LSTM-RNN, Tensorflow, Keras, etc.)

Who we are	**audEERING GmbH**, with it's offices at the high-tech-campus Gilching-Oberpfaffenhofen near Munich in the bavarian five-lake country is a Spin-Off of a former research group at Technischen Universität München. audEERING develops technically leading solutions for automatic and intelligent Music, Speech- and generic Audio analysis based on innovative Digital Signal Processing Algorithms, Psychological Models, and Deep Autonomous Learning on Big Data to power future intelligent speech interfaces. We are at the international forefront of Affective Computing from voice and research on automatic Speech- and Audio-analysis. Our core area is detection of emotional states, and speaker states (intoxication, sleepiness, etc.) and attributes (e.g. age, gender, personality), from the tone of the voice. Applications areas for our technology are the sectors of Health/Wellbeing (esp. mental health and neurological disorders), Smart Assistants, Automotive Safety & Comfort, Service Center Management, Customer Relationship Management and Market Research. Our customers include multi-national Corporations such as Huawei, BMW, GfK, Red Bull Mediahouse.
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
What we offer (Besides free drinks...)	- Working in a young, 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.
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 theoretical (e.g. Statistics, Bayes Theory, Support-Vector Machines, Neural Networks, Linear Algebra) and practical (e.g. Tensorflow, SciKit-learn, NumPy). Proficiency with Linux (Shell/Commandline, package management, GPU 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

Apply Now!   We are looking forward to your application including of your earliest possible potential starting date, via e-mail to: **Florian Eyben – fe@audeering.com**