Internship – Audio DSP and Machine Learning

Lousy speech quality is everywhere: in meetings, online tutorials, broadcasting, or voice messages. We intuitively dislike content with deteriorated quality or sometimes cannot understand the meaning of the message due to analog and digital audio artifacts or defective microphones. Additional and unwanted audio noise can even cause persistent hearing damage. Yet, there's little effort to improve speech audio. At ailcoustics, we are determined to find ways to improve speech quality with DSP and Machine Learning techniques.

We are an early-stage start-up based in Berlin and funded by the EXIST scholarship. Our team consist of software developers, machine learning engineers and business developers that work in an agile fashion. After office hours, we often go for a Späti beer or some dinner together.

For our endeavour, we are looking for a motivated student to help us **deploy Audio DSP and Machine Learning algorithms into production within web, mobile and desktop apps** for speech enhancement. You can start as soon as possible; the minimum length of the internship is 3 months with an option to extend or even come on board full- or part-time.

Requirements:

- 3 months of time with the option to extend longer
- Based in Berlin with the option for remote work
- Self-motivation and being a team player
- Eager to learn something new every day
- Basic understanding of digital audio processing methods
- Knowledge and expertise in application development on mobile or desktop platforms
- Coding skills in either Javascript, Swift or C++
- Know-how of agile methods, DevOps principles and working with Git(Lab)
- Interest to apply this knowledge to real-world problems related to speech enhancement

What's in it for you:

- Paid work experience in a collaborative start-up environment
- Insights into an early-stage start-up, ways of working etc.
- Work side by side with experts in machine learning, engineering & product development
- Gain experience deploying ML in web and mobile applications
- Learn agile software development in a small team
- Make an impact and bring in your ideas in the early stage of ailcoustics

Interested? Then send us your application, including CV, maybe your GitHub page and two or three lines on why you are a great fit for ailcoustics to: info@ai-coustics.com. We are looking forward to hearing from you.