



SPEECH RESEARCH SCIENTIST (ASR)

Come join us and build Personal Artificial Intelligence (PAI) -- intelligent 3D avatars that look, sound, and behave like the individual user!

[ObEN](#) is an artificial intelligence company developing a decentralized AI platform for Personal AI (PAI). Founded in 2014, ObEN is a K11, Tencent, Softbank Ventures Korea and HTC Vive X portfolio company.

As an ASR Research Scientist, you'll be working on developing tools to automate speech data acquisition and selection from diverse sources of data for the training of ObEN's speech technology components.

Responsibilities:

- Develop and extend ObEN's proprietary ASR systems for different languages (English, Chinese, Korean, Japanese), in view of improving the robustness against environmental and channel distortion;
- Develop long (>1h) speech-text alignment systems;
- Develop lyrics-singing voice alignment systems;
- Develop tools and measures for data selection (confidence scores, acoustic measures);
- Develop tools for metadata extraction from speech and text (e.g: emotion, speakerID, etc).

Requirements:

- PhD with strong research experience in ASR demonstrated by publications in top Speech Journals and Conferences (ICASSP, Interspeech, ASRU, etc.);
- Experience with robust ASR, long speech-text alignment, lightly supervised approaches and confidence measures computation;
- Fluent in Python and C++, excellent knowledge of Kaldi;
- Strong machine learning background and familiar with standard statistical modeling techniques applied to speech;
- Good knowledge of deep learning packages (Tensorflow, Theano, Keras, etc).

Contact: pierre@oben.com

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