



(SENIOR) SPEECH SCIENTIST

Voicebox is an acknowledged pioneer in the voice technology and application industry. Our patented innovations create compelling AI voice interfaces of unparalleled flexibility and usability in app dev. Trusted by many of the world's leading companies, we have established a leadership position in the automotive market. And because our capabilities were developed against our vision of a single, unifying interface across all connected devices, our continued growth is being driven by new markets, such as connected TVs and mobile computing.

Our ability to capture this growth requires that we continue to add to our diverse team of talented professionals. Our opportunity is your opportunity.

As Speech Scientist you will work closely with the Cloud ASR team on cutting-edge conversational voice information retrieval systems. Within this team of researchers and engineers you will improve existing products and develop brand new technologies. You will be responsible for the design, development and testing of large vocabulary speech application technologies and also engage in all aspects of research activities (e.g., writing proposals, conducting novel research, presenting and publishing your research results).

Typical work packages are:

- Training and adaptation of acoustic models (car, mobile, far-field) for a multitude of languages
- Develop statistical language models for various applications and languages
- Design and develop new speech applications
- Tune and maintain speech applications
- Adapt speech resources for certain customers' requirements
- Research, development and implementation of new algorithms in ASR.
- Perform statistical analysis on large datasets (multiple terabytes of data)

Skills:

- Highly independent and capable of fulfilling multiple project commitments concurrently
- Passionate about analyzing data to solve problems and improve systems
- Good analytical and diagnostic skills, quick learning
- Coding skills in languages like in C/C++ or Java
- Knowledge of multiple natural languages is a strong plus
- Knowledge in digital signal processing
- Be able to write technical specifications, requirements in English
- Good English communication skills

Experience:

- Prior experience training models for HMM/DNN-based recognizers (Kaldi/HTK)
- Understanding of ASR training/decoding processes
- Understanding of ASR front-end components
- Knowhow of far-field and microphone array processing
- Experience in UNIX environment, strong in scripting languages such as Bash, Perl and Python
- Ph.D. or Master in Computer Science, Electrical Engineering, Mathematics, or relevant field or strong professional experience.

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