

PhD Position: Embedded Speech Recognition

Ref. No. MU-2010-08

Company Profile:

SVOX, a Swiss based company, is one of the worldwide leaders among the few companies specializing in speech processing. SVOX drives adoption of speech user interfaces in automotive and mobile device industries. The company offers Speech Recognition (ASR), Speech Output (TTS) as well as complete Speech Dialog solutions. SVOX focus on quality and the use of flexible software architectures allows for optimized embedded speech solutions that can be easily tailored to customers' technical requirements and market needs. For more information, please visit: www.svox.com.

Tasks / Responsibilities:

We are seeking a PhD student to work on a project that focuses on embedded large vocabulary speech dictation. The goal of this research is to develop algorithms that increase the accuracy of speech recognition on limited hardware in spite of background noise and speaker variation. The improvements will enable novel applications of speech user interfaces on mobile phones and navigation devices, like speech-to-speech translation or dictation of short text messages and emails.

Qualifications and Experience:

- Relevant university degree (e.g. a Master's degree in computer science or electrical engineering)
- C/C++ programming (Linux/Windows), scripting languages
- Previous experience in algorithms and methods of speech recognition, like Hidden Markov Models, statistical language models and decoding algorithms, would be beneficial
- Interest in application-oriented research topics

Personal Requirements:

- English in both writing and speaking
- Hands-on, team player and self-starter
- Strong interpersonal skills

Start date, conditions of work and location:

- This position is to be filled as soon as possible
- The initial contract will be for a duration of three years with possible extension
- The position is located at SVOX Deutschland GmbH in Munich, Germany

Contact

Please contact Mrs. Alena Vonesch (Tel. +41 43 544 06 12) or send your application and resume **with reference number MU-2010-08** to hr@svox.com.