



**NUANCE COMMUNICATIONS International**

**Position title: Voice Builder**

Position type: Fulltime, Temporary (one year), Preferred start date: 15<sup>th</sup> of November 2017 (open until filled)

Project duration: One year. This is not a permanent position but a full-time contract position.

Location: Merelbeke, Belgium

Required Languages: German, English

Job Rank: Junior (Entry Level)

**Major duties and responsibilities:**

- Assisting voice builders in the development of German Text-To-Speech (TTS) voices, mainly supporting on speech data validation.

**Principal responsibilities:**

- Perform text selection for recordings with female German TTS voice; proofreading, correction and modification of selected text in German
- Perform phonetic validation of speech data i.e. listen to voice recordings and check if orthography, phonetic transcriptions and prosodic labels are correct and match the audio signals.
- Perform segmentation validation i.e. check if phoneme boundaries are well aligned to the audio signal.
- Perform synthesis evaluation i.e. listen and evaluate synthesis generated with German text-to-speech voices.
- Participate in the effort of tuning the TTS voices.
- Testing the product release

**Required skills:**

- Native proficiency in German
- Good level of English
- Thorough understanding of phonological and phonetic concepts
- Very good listening skills
- Strong computer skills in a Windows environment and greater than average comfort with software
- Strong sense of precision and quality in the daily job
- Ability to work independently as well as in a team
- Good problem solving, analytic and troubleshooting skills

**Preferred skills:**

- Experience with correcting phonetic transcriptions for speech technology
- Familiarity with development of language assets of text-to-speech technologies
- Familiarity with machine learning techniques

**Education:**

Candidates need to have studied German at an advanced university level (MSc degree in phonetics, computational linguistics or another relevant field).

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