

Okko Buss

Education

UNIVERSITY OF NEW SOUTH WALES Sydney, Australia
Master of Arts, Cognitive Sciences **Expected December 2005**

- Research focus on A.I. and Natural Language Processing

MCGILL UNIVERSITY **Montréal, Canada**
Bachelor of Arts, Double Major in Linguistics and Humanistics **May 2001**

- Thesis on application of Generative Syntax to Hungarian grammar

AMERICAN INTERNATIONAL SCHOOL OF BUDAPEST **Budapest, Hungary**
International Baccalaureate Diploma (34 points) **June 1997**

Experience

March 2002 – January 2005
SCANSOFT (FORMERLY SPEECHWORKS INC.) **Montréal, Canada**

Speech Scientist

- Developed, deployed and tuned challenging, cutting-edge voice application contexts
- Responsible for speech recognition accuracy of major telephony voice applications
- Assisted in creation and administration one of the world's largest speech databases

February 2001 – February 2002
SPEECHWORKS INC. **Montréal, Canada**

Language Expert

- Oversaw and maintained German language speech data transcription process
- Created and maintained large pronunciation dictionaries in several languages for ASR and TTS contexts/applications

May – August 1999
AMERICAN INTERNATIONAL SCHOOL OF BUDAPEST **Budapest, Hungary**

Guidance Councillor and Music Instructor

- Instructed small and mid-sized classes of 4-12 year olds in various musical disciplines, emphasizing the playful aspect of music education

June – August 1998
BUDAPEST HISTORICAL MUSEUM **Budapest, Hungary**

Museum Guide and Tour Coordinator

- Provided English, German and French language tours of a renowned museum
- Assisted staff in translating and creating tour material for international travel groups

Skills

- Fluent in several programming/scripting languages (Perl/PHP, Python, C++ and Java)
- Well-versed in internet and network speech recognition related technologies, including HTML, XML, VoiceXML and GrammarXML
- Database savvy in MySQL and Oracle
- Trained in linguistic analysis (phonetics, phonology, morphology, syntax, semantics)
- Excellent data-processing skills
- Strong foundation in acoustical theory, including spectral & waveform analysis
- Strong foundation in musical theory, fugal analysis and and choral writing

Languages

- Native in English and German, Fluent in French, Proficient in Dutch and Hungarian