

Dan Wells

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EDUCATION

University of Edinburgh

MSc Speech and Language Processing 2015 (expected)

Average mark (excl. dissertation): 79

Dissertation: Unsupervised speech segmentation for zero-resource applications

Courses include:

- Automatic Speech Recognition
- Speech Synthesis
- Natural Language Understanding
- Machine Translation
- Applied Machine Learning
- Computer Programming
- Semantic Web Systems
- Univariate Statistics

Selwyn College, University of Cambridge

BA (Hons) Linguistics 2013

Class: 2.i (avg. 68.5)

Completed a wide range of studies across all areas of linguistics, with interests especially in phonetics and computational linguistics.

Additional courses: MML Certificate in Dutch, Introduction to Yiddish

Sandown High School

A-levels: Maths (A), Physics (A*), French (A*), English Language (A) 2010

AS-levels: Further Maths (A), Fine Art (A)

EXPERIENCE

Google (via Adecco)

Speech Data Evaluator Jan–Aug 2014

Processed linguistic data to improve speech synthesis and automatic speech recognition quality for British English.

- Phonemic transcription of lexicon entries using in-house systems
- Transcription of acoustic data following text normalisation guidelines
- Quality control for similar work carried out by external vendors
- Devising transcription guidelines for new domains
- Analysis of ASR system output errors

Cambridge Bilingualism Network

Sep–Oct 2013

Encoded a large number of paper surveys on child bilingualism into Excel.

SKILLS

Technical

- Experience programming in Python, some Bash scripting
- Acoustic analysis using Praat, Wavesurfer
- Statistical analysis using R
- Comfortable with OS X and Linux operating systems
- Typesetting using L^AT_EX

Languages

English: Native speaker

French: Strong reading/writing skills, conversational spoken