

Dan Wells

dan.wells@cantab.net ◇ +44 7858 506 987

EDUCATION

University of Edinburgh

MSc Speech and Language Processing 2015 (expected)

Dissertation: Techniques for unsupervised phone boundary detection

Courses include: Automatic Speech Recognition, Speech Synthesis, Machine Translation, Natural Language Understanding, Topics in NLP, Introductory Applied Machine Learning, Computer Programming, Semantic Web Systems, Univariate Statistics

Selwyn College, University of Cambridge

BA (Hons) Linguistics 2013

Part I: 1 (71), Part IIA: 2.i (69.25), Part IIB: 2.i (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.

- Phonetic 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
- 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