

# Dan Wells

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dan.wells@cantab.net ◊ 07858 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
- Comfortable with OS X and Linux operating systems
- Typesetting using L<sup>A</sup>T<sub>E</sub>X

### Languages

English: Native speaker

French: Strong reading/writing skills, conversational spoken