Leo Barlow

Address	47 Plantation Avenue, Trumpington, Cambridge, CB2 9DL
Mobile	+44 7541 248842
Email	leo@sbarlow.com

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1 Education

2017 - 2021

The University of Edinburgh, Linguistics MA (in progress)
I focus on computational linguistics, and applying my knowledge of sound design to speech processing and synthesis. Last semester, I submitted a basic concatenative speech synthesiser built with Python and NLTK, and learned to train a simple HMM-based word recogniser. This year, I built a unit selection voice from my own speech to experiment with design choices in the Festival text-to-speech system, and worked on Bayesian word learning models. I am predicted to graduate with strong First Class honours.

2010 - 2017

The Perse School, Cambridge

A Level	A*AA	(Economics, History, French)
AS Level	AB	(French, Maths)
GCSE	9.A*1.A	(Various)

2 Noteworthy Qualifications

2019

Three-Week Program (Yonsei University)
I studied Korean at Yonsei University in Seoul, with an emphasis on practical conversation. I was awarded the Korean Language Institute diploma, averaging 89.

2018

CELTA (Bell English)
I took an intensive four-week course to teach English as a foreign language, with one hundred contact hours. I have more than fifty hours taught between Bell English and Studio Cambridge, and an additional eighty hours taught abroad.

2017

Piano Grade 8 (TCL)
With distinction

2016

Ballet Grade 8 (RAD)

3 Work Experience

Jun - Sept 2019

Freelance (Seoul)
I flew to Seoul with only a beginner's knowledge of Korean. I worked as a private English tutor part-time, teaching several students and developing the majority of my lesson material myself. I spent the rest of my time in Korea practising the language, teaching myself the essentials of Korean cooking, and understanding the Korean cultural identity.

Jul 2018

Studio Cambridge (Ely)
I did three weeks of English teaching and supervision at a summer school for international students, which included preparing teaching resources and coordinating day trips.

Jun 2015

Rampart Capital (London)
I found a one-week internship at the hedge fund Rampart Capital, performing market research using Bloomberg Terminal and writing up potential investments.

4   Skills and Interests

Languages
English, Russian, French, Korean, Swedish
Although a native English speaker, I take a keen interest in foreign languages, having been raised with Russian, studying French for five years in school, Paris and Limoges and taking courses in Swedish and Korean through the university. My degree has also given me a working knowledge of phonetics, phonology, morphology, semantics, syntax and data analysis. In particular, I am interested in the interacting fields of formal semantics and natural language processing.

Instruments
Piano, accordion, balalaika, bass, guitar, banjo, mandolin
I have spent over ten years between classical and jazz piano. More recently, I have been using a combination of hardware and software subtractive and wavetable synthesizers to produce music and experiment in sound design. During my free time I enjoy teaching myself new instruments to play in the university's Folk Society sessions, and perform in public for charity or additional income. During my first year in Edinburgh I studied sound recording principles and techniques, and I am familiar with the practicalities of recording high quality audio.

Applications
Python, C, Bash
I am very capable with a range of software, including music production (Pro Tools, Reaper), video editing/compositing (HitFilm, After Effects), audio processing (Praat, Wavesurfer), and typesetting (LaTeX). I have experience in programming with Python, C and Bash, which I can use confidently in a UNIX environment.