Leo BARLOW

Email	leo@sbarlow.com
Mobile	+44 7541 248842
Address	3/4 Thistle Street South West Lane, Edinburgh, EH2 1EW, United Kingdom

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Education

2017 - 2021 — **MA Linguistics (The University of Edinburgh)** — First Class (76%)

Studied core concepts in syntax, semantics, pragmatics, phonology, phonetics and speech technology. Coursework projects included implementing a concatenative speech synthesizer in Python, writing a language acquisition research proposal and building a unit selection voice from studio recordings of my own speech. For my dissertation — marked excellent on all counts — I used convolutional neural networks to predict how well metaphors like 'bright' or 'full' described a given sound.

Honours courses	Speech Processing	75%
	Speech Synthesis	75%
	Learning Sounds and Words	78%
	Computer Programming for Speech and Language Processing	75%
	Statistics and Experimental Design	74%
Dissertation	"Verbalising Timbre: A Neural Network Approach"	85%

2010 - 2017 — **The Perse School (Cambridge)**

A Level	Economics, History, French	A*, A, A
AS Level	French, Mathematics	A, B
EPQ	"To what extent can Old Church Slavonic be considered a constructed language?"	A*
GCSE		9A*, 1A

Work Experience

Jul 2021 — **Content writer (Kung Fu Tea, Edinburgh)**

Designed a digital storefront in Ecwid for a new brand selling high-end Chinese teas. I worked with the owner to write the brand and product descriptions, translating difficult concepts from traditional Chinese medicine.

Jun - Sep 2019 — **English tutor (Freelance, Seoul)**

Flew alone to Seoul for three months with only a beginner's knowledge of Korean. I worked as a part-time English tutor, teaching several students and creating most lesson materials myself.

Jul 2018 — **English teacher (Studio Cambridge, Ely)**

Taught English at a summer school for international students. I also prepared teaching resources and coordinated day trips.

Jun 2015 — **Intern (Rampart Capital, London)**

Performed market research with Bloomberg Terminal and wrote up potential investments.

Qualifications

2019 — **Three-Week Program (Yonsei University, Seoul)**

Intensive Korean language course with an emphasis on practical conversation.

2018 — **CELTA (Bell English, Cambridge)**

ESL teaching course totalling one hundred contact hours. I have taught more than fifty hours between Bell English and Studio Cambridge, with an additional eighty hours taught abroad.

2017	**Piano Grade 8 (TCL)** With distinction.
2016	**Ballet Grade 8 (RAD)**

Skills and Interests

Languages	**English, Russian, French, Korean, Swedish** I have learned languages up to conversational level at various stages in my life, including at home (Russian), in school (French) and at university (Korean, Swedish).
Instruments	**Piano, accordion, balalaika, bass, guitar, banjo, mandolin, bodhrán** In my free time, I teach myself new instruments and play in the Edinburgh University Folk and Traditional Music Society. I also use subtractive and wavetable synthesizers to make music and experiment in sound design, and have created and continue to moderate a synthesizer page on Reddit with over 20,000 users.
Programming	**Python, C, R, LaTeX** Many of my university courses involved using Python in a Unix environment. I also have some experience programming in C and using common statistics packages in R. I typically typeset my work in LaTeX.