

Leo BARLOW

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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	85%
	“Verbalising Timbre: A Neural Network Approach”	
2010 - 2017	The Perse School (Cambridge)	
	A Level	Economics, History, French
	AS Level	French, Mathematics
	EPQ	“To what extent can Old Church Slavonic be considered a constructed language?”
	GCSE	

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)
	EFL teaching course totalling 120 contact hours. I have taught more than 50 hours between Bell English and Studio Cambridge, with an additional 80 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, L^AT_EX 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 L ^A T _E X.