

Dr. Daniel Galbraith — Curriculum Vitae

CONTACT	SayMosaic, Inc. 1121 San Antonio Rd Suite B100 Palo Alto, CA 94303 USA	Phone Email Work email Website	+1-650-823-6649 dalgalbraith@gmail.com daniel.galbraith@saymosaic.com www.danielgalbraith.com
EXPERIENCE	Nov 2018– Jun– Oct 2018 Jan 2014– Sep 2017	NLP Scientist, SayMosaic, Inc. Research & development of NLP software for multi-language voice assistance. <ul style="list-style-type: none">· research end-to-end NLU and ASR/TTS models for SoTA language AI· improve & evaluate quality of non-en language models (hi,bn,es,vi,sw)· develop and maintain Scala, Python & Java codebase of NLU engine Computational Linguist, Apple (via Welocalize, Inc.) Full-time contractor providing software updates for Siri speech recognition and speech synthesis. <ul style="list-style-type: none">· wrote daily patches for ASR & TTS improvements· personally reduced bug count by 300+ within first month Graduate Research Assistant and Teaching Assistant, Stanford University Doctoral linguistics research on syntax and metrical phonology with advisor Paul Kiparsky. <ul style="list-style-type: none">· early contributor to Stanford Dependencies project with Chris Manning· researched factors determining sentence stress with Arto Anttila et al.· proposed new approach to syntactic theory, book draft under review by OUP	
EDUCATION	2018 2013 2012	Stanford University , PhD in Linguistics Research foci: syntax, phonology, NLP Advisors: Paul Kiparsky, Annie Zaenen, Vera Gribanova, Boris Harizanov University of Cambridge , MPhil in Linguistics University of Cambridge , BA in Modern and Medieval Languages French and Spanish language and literature, linguistics, Old French & Occitan <i>First Class Honours with Distinction</i>	
PUBLICATIONS	Nivre, Joakim, [...] Daniel Galbraith [...] et al. 2015. <i>Universal Dependencies 1.2</i> . Universal Dependencies Consortium. Accessible at < https://lindat.mff.cuni.cz/repository/xmlui/handle/11234/1-1548?locale-attribute=en >. [Also named author of version 2.2, 2018.] Anttila, Arto, Timothy Dozat, Daniel Galbraith, and Naomi Shapiro. 2018. Sentence stress in presidential speeches. To appear in Kentner, Gerrit and Joost Kremers (eds.), <i>Prosody in Syntactic Encoding</i> , special issue of <i>Linguistische Arbeiten</i> . Preprint accessible at < https://web.stanford.edu/~anttila >. Galbraith, Daniel. 2019. Meter, prosody and performance: evidence from the Faroese ballads. <i>Nordic Journal of Linguistics</i> , 1–35.		
THESES	Galbraith, Daniel. 2018. <i>The Predictable Case of Faroese</i> . PhD dissertation, Stanford University. Accessible at < https://pur1.stanford.edu/ny726mr8o8o >. Galbraith, Daniel. 2013. <i>Positional and Morphological Case in Faroese</i> . MPhil thesis, University of Cambridge.		

INTERNATIONAL CONFERENCES	<p>A constraint-based account of Faroese ballad meter. <i>NordMetrik: Versification, Metrics in Practice</i>, 5/25/16 - 5/27/16, University of Helsinki. Abstract accessible at <https://blogs.helsinki.fi/versification>.</p> <p>Faroese ballad meter: a constraint-based approach. <i>The 90th Annual Meeting of the Linguistic Society of America</i>, Washington, DC, 1/8/16. Abstract accessible at <https://www.linguisticsociety.org/event/lsa-2016-annual-meeting>.</p>	
RESEARCH PRESENTATIONS	<p>Dative subjects and case-marking in Faroese: a linking theory account. <i>The Thirteenth Annual QP Fest</i>, Stanford University, 3/15/16.</p> <p>Quirky case in Faroese. <i>Syntax and Morphology Circle</i>, Stanford University, 11/13/15.</p> <p>Faroese ballad audio-visual recordings. <i>Stanford Linguistics Fieldwork Group</i>, Stanford University, 10/1/2014.</p> <p>Morphological parsing. Linguistics MPhil seminar, University of Cambridge, 3/11/2013.</p>	
HONOURS AND AWARDS	2019 2016–17 2016 2014 2014 2013–18 2012 2012 2008–12 2008 2008	<p>Approved National Interest Waiver (merit-based) for US permanent residency</p> <p>Stanford Linguistics departmental and advisor funding awarded for dissertation research conducted on the Faroe Islands and Iceland</p> <p>Roberta Bowman Denning Fund for Humanities and Technology: research funding awarded for linguistic annotations on US Presidential Speeches project</p> <p>Travel scholarship awarded by University of the Faroe Islands</p> <p>Fieldwork funding granted by Dept. of Linguistics, Stanford University</p> <p>George H. Mayr Foundation Graduate Fellowship, Stanford University</p> <p>Faroese Summer Institute scholarship, University of the Faroe Islands</p> <p>Whalley Prize for highest distinction in final year examinations, University of Cambridge</p> <p>St. Catharine’s College, Cambridge: scholarships for First Class results each year</p> <p>Weil Award: joint highest A-level results in Northern Ireland in two languages, highest Spanish A-level results in Northern Ireland, CCEA</p> <p>Stephen Spender Memorial Prize for Poetry in Translation</p>
RELEVANT COURSEWORK	Stanford Stanford MIT OCW DataCamp fast.ai	<p>CS106B: Programming Abstractions in C++</p> <p>CS229: Machine Learning (Andrew Ng)</p> <p>18.06: Linear Algebra (Gilbert Strang)</p> <p>Data Scientist with Python full track certification</p> <p>Practical Deep Learning for Coders</p>
TECHNICAL SKILLS	<p>Python · Scala · R · NLP & NLU (ASR, TTS, PoS tagging, dependency parsing, NER, l10n & i18n) · data science & statistics · ML/deep learning (Keras, TensorFlow, scikit-learn) · databases (SQL) · NLP toolkits (NLTK, CoreNLP, spaCy) · Git · Unix · \LaTeX</p>	
LANGUAGES	Native University-level Research knowledge	<p>English</p> <p>French, Spanish, Faroese</p> <p>Icelandic, Mainland Scandinavian, Lithuanian, Romance languages, Hebrew, Korean, Mandarin, Turkish, Hungarian, Avestan</p>