Dr. Daniel Galbraith — Curriculum Vitae

CONTACT			
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EXPERIENCE

Nov 2018–   **NLP Scientist**, *SayMosaic, Inc.*
Research and development of NLP software for multi-language voice search.
· 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

Jun–
Oct 2018   **Computational Linguist**, *Apple (via Welocalize, Inc.)*
Full-time contractor providing software updates for Siri speech recognition and speech synthesis.
· wrote daily patches for ASR & TTS improvements
· personally reduced bug count by 300+ within first month

Jan 2014–
Sep 2017   **Graduate Research Assistant** and **Teaching Assistant**, *Stanford University*
Doctoral linguistics research on syntax and metrical phonology with advisor Paul Kiparsky.
· 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   **Stanford University**, PhD in Linguistics
Research foci: syntax, phonology, NLP
Advisors: Paul Kiparsky, Annie Zaenen, Vera Gribanova, Boris Harizanov

2013   **University of Cambridge**, MPhil in Linguistics
Supervisor: Ian Roberts

2012   **University of Cambridge**, BA in Modern and Medieval Languages
French and Spanish language and literature, linguistics, Old French & Occitan
First Class Honours with Distinction

PUBLICATIONS

Nivre, Joakim, [. . .] Daniel Galbraith [. . .] et al. 2015. *Universal Dependencies 1.2.* 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.), Prosody in Syntactic Encoding, special issue of *Linguistische Arbeiten*. Preprint accessible at <https://web.stanford.edu/~anttila>.

Galbraith, Daniel. 2019. Meter, prosody and performance: evidence from the Faroese ballads. *Nordic Journal of Linguistics*, 1–35.

THESES

Galbraith, Daniel. 2018. *The Predictable Case of Faroese.* PhD dissertation, Stanford University. Accessible at <https://purl.stanford.edu/ny726mr8o8o>.

Galbraith, Daniel. 2013. *Positional and Morphological Case in Faroese*. MPhil thesis, University of Cambridge.

<table>
<tr><td>INTERNATIONAL CONFERENCES</td><td>A constraint-based account of Faroese ballad meter. *NordMetrik: Versification, Metrics in Practice*, 5/25/16 - 5/27/16, University of Helsinki. Abstract accessible at <https://blogs.helsinki.fi/versification>.

Faroese ballad meter: a constraint-based approach. *The 90th Annual Meeting of the Linguistic Society of America*, Washington, DC, 1/8/16. Abstract accessible at <https://www.linguisticsociety.org/event/lsa-2016-annual-meeting>.</td></tr>
<tr><td>RESEARCH PRESENTATIONS</td><td>Dative subjects and case-marking in Faroese: a linking theory account. *The Thirteenth Annual QP Fest*, Stanford University, 3/15/16.

Quirky case in Faroese. *Syntax and Morphology Circle*, Stanford University, 11/13/15.

Faroese ballad audio-visual recordings. *Stanford Linguistics Fieldwork Group*, Stanford University, 10/1/2014.

Morphological parsing. Linguistics MPhil seminar, University of Cambridge, 3/11/2013.</td></tr>
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HONOURS AND AWARDS

2019	**Approved National Interest Waiver** (merit-based) for US permanent residency
2016–17	Stanford Linguistics departmental and advisor funding awarded for dissertation research conducted on the Faroe Islands and Iceland
2016	Roberta Bowman Denning Fund for Humanities and Technology: research funding awarded for linguistic annotations on US Presidential Speeches project
2014	Travel scholarship awarded by University of the Faroe Islands
2014	Fieldwork funding granted by Dept. of Linguistics, Stanford University
2013–18	George H. Mayr Foundation Graduate Fellowship, Stanford University
2012	Faroese Summer Institute scholarship, University of the Faroe Islands
2012	**Whalley Prize** for highest distinction in final year examinations, University of Cambridge
2008–12	St. Catharine's College, Cambridge: scholarships for First Class results each year
2008	**Weil Award**: joint highest A-level results in Northern Ireland in two languages, highest Spanish A-level results in Northern Ireland, CCEA
2008	Stephen Spender Memorial Prize for Poetry in Translation

TEACHING

Fall 2016	Cross-linguistic Syntax, with instructor Boris Harizanov.
Spring 2016	African American Vernacular English, with instructor John Rickford.
Fall 2014	Introduction to Syntax, with instructor Tom Wasow.

TECHNICAL SKILLS

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

LANGUAGES

Native	English
University-level	French, Spanish, Faroese
Research knowledge	Icelandic, Mainland Scandinavian, Lithuanian, Romance languages, Hebrew, Korean, Mandarin, Turkish, Hungarian