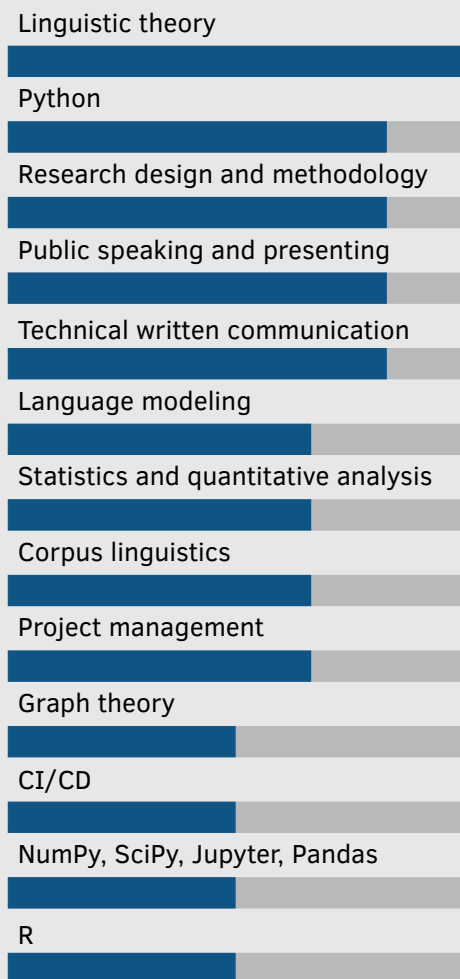


Robert Daland

Data Scientist
Language Engineer

+1 310-402-1176
LinkedIn homepage
r.daland@gmail.com

Skills



(*)[The skill scale is from 0 (Fundamental Awareness) to 6 (Expert).]

Interests

Computer understanding of natural language (Automatic Speech Recognition, Natural Language Understanding).

Meaning of data: design, collection, analysis, visualization, exposition

Education

2009	PhD, Linguistics Northwestern University	Specializing in Phonology; Minor in Cognitive Science
2001	MS, Mathematics NCSU (North Carolina State University)	Specializing in Iterated Function Systems
2001	BA, English NCSU	Specializing in literature; Minor in Religious Studies
2000	BS, Mathematics NCSU	

Experience

12/2017 – present	Quality Engineer Apple Siri	Natural Language Understanding
2009 – 2017	Assistant Professor UCLA	Phonology (Linguistics)
2003 – 2009	Graduate Student Northwestern University	Linguistics
summer 2001	Firmware Engineer Powerware/Invensys	Contractor

Selected Publications

accepted	Mayer C & Daland R. A method for projecting features from observed phonological classes. <i>Linguistic Inquiry</i> .
2019	Daland R, Oh M, & Davidson L. On the relation between speech perception and loanword adaptation. <i>Natural Language and Linguistic Theory</i> 37(3), 825-868.
2015	Daland R. Long words in maximum entropy phonotactic grammars. <i>Phonology</i> 32(3), 353-383.
2015	Norrman I & Daland R. Phonetic evidence for the resyllabification account of vowel prothesis in Spanish speakers acquiring English [s]-consonant clusters. <i>Open Linguistics</i> 1(1).
2015	Daland R, Oh M, & Kim S. When in doubt, read the instructions: Orthographic effect in loanword adaptation. <i>Lingua</i> 159, 70-92.
2014	Daland R. What is computational phonology? (OPEN ACCESS) <i>LO-QUEENS</i> 1(1), e400.
2013	Cristia A, Daland R, Mielke J, & Peperkamp S. Similarity in the generalization of implicitly learned sound patterns. <i>Laboratory Phonology</i> 4(2), 259-286.
2013	Daland R & Zuraw K. Does Korean defeat phonotactic word segmentation? <i>ACL</i> 51, Sofia, Bulgaria, August 4-9, 2013.
2013	Daland R. Variation in child-directed speech: A case study of manner class frequencies. (OPEN ACCESS) <i>Journal of Child Language</i> 40(5), 1091-1122.
2011	Daland R, Hayes B, White J, Garellek M, Davis A, & Norrmann I. Explaining sonority projection effects. <i>Phonology</i> 28(2), 197-234.
2011	Daland R & Pierrehumbert JB. Learning diphone-based segmentation. <i>Cognitive Science</i> 35(1), 119-155.
2009	Goldrick M & Daland R. Linking speech errors and phonological grammars: Insights from Harmonic Grammar networks. <i>Phonology</i> 26(1) (special issue on connecting theory and experimental methods), 147-185.
2007	Daland R, Sims AD, & Pierrehumbert JB. Much ado about nothing: A social network model of Russian paradigmatic gaps. <i>ACL</i> 45, Prague, June 23rd-June 30th.