

**Andrew Zupon**  
*The University of Arizona*

✉ zupon@email.arizona.edu  
 📄 zupon.github.io

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## Education

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### Degree Programs

02021	<b>PhD in Linguistics</b> (anticipated) The University of Arizona
02019	<b>MS in Human Language Technology</b> The University of Arizona Internship Report: <i>Bootstrapping Enterprise Chatbots with Rasa</i>
02015	<b>MA in Linguistics</b> The University of Utah Thesis: <i>Icelandic Quirky Agreement Restrictions: Evidence for Phi-Defective T in Quirky Subject Constructions</i>
02013	<b>Honors BA in Linguistics (Major), Spanish (Major), Russian (minor)</b> The University of Utah Honors Thesis: <i>Restrictions on Denominal Verb Formation</i>

### Other Education

02019	<b>Breton Linguistic and Cultural Heritage Studies Summer School</b> University of Western Brittany, Kemper, France
02012	<b>Russian Language and Culture Intensive Summer Program</b> Krasnoyarsk State Pedagogical University, Krasnoyarsk, Russia
02011	<b>Spanish History and Culture Intensive Summer Program</b> University of Oviedo, Xixón, Spain

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## Employment

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Summer 02020	<b>Linguist Intern</b> , Google, Inc. (remote; team in New York City, NY) I built an open-source text normalization pipeline using Pynini to evaluate different approaches to normalization as well as the quality of existing data sets for a selection of low-resource languages of Africa. <a href="https://github.com/googleinterns/text-norm-for-low-resource-languages">https://github.com/googleinterns/text-norm-for-low-resource-languages</a>
Summer 02018	<b>Chatbot Intern</b> , Nextiva (Scottsdale, AZ) I used the Rasa toolkit to help develop a company-internal chatbot. Tasks included creating training data for the chatbot's language model and dialog model, running and comparing different models, and experimenting with new components for the chatbot.
02015–16	<b>Junior Linguist</b> , Adecco at Google (Mountain View, CA) I performed linguistic annotation, corrections, and data analysis for various NLP projects, including syntactic parsing, part-of-speech tagging, named entity recognition (NER), coreference resolution, word sense disambiguation, and text summarization.

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## Research Experience

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02018-20	<b>Research Assistant</b> , Dr. Mihai Surdeanu Department of Computer Science, University of Arizona Worked on implementing interpretable models for relation extraction. Worked on writing rules and implementing variables for event extraction (REACH). Wrote a grammar for extracting human migration events from text. Built a compositional ontology for grounding different aspects of causal events.
Fall 02018	<b>Research Assistant</b> , Dr. Andrew Carnie Department of Linguistics, University of Arizona Prepared introductory materials for an NSF grant for research on Breton initial consonant mutations.
02012-15	<b>Research Assistant</b> , Dr. Rachel Hayes-Harb, Dr. Shannon Barrios Speech Acquisition Lab, Department of Linguistics, University of Utah Ran assorted phonetic/phonological acquisition experiments involving human subjects.

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## Teaching Experience

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### Primary Instructor

Summer 02018	LING 123 <i>Introduction to Mathematical Approaches to Language</i> (UA, online)
Spring 02018	LING 123 <i>Introduction to Mathematical Approaches to Language</i> (UA, online)
Spring 02014	ESL 1040 <i>Grammar and Editing for Non-Native Speakers</i> (UU)

### Graduate Teaching Assistant/Associate

Fall 02017	LING 300 <i>Introduction to Syntax</i> , Dr. Simin Karimi (UA)
	LING 150A <i>Language in the World</i> , Dr. Amy Fountain (UA)
Spring 02017	LING/PSY/SLHS 341 <i>Language Development</i> , Dr. LouAnn Gerken (UA, online)
Fall 02016	LING 150A <i>Language in the World</i> , Dr. Amy Fountain (UA)
Spring 02015	LING 1069 <i>Bad Words and Taboo Terms</i> , Dr. Randall Eggert (UU, online)
Fall 02014	LING 2010 <i>Introduction to the Study of Language</i> , Dr. Nathan Vooge (UU, online)
	LING 1069 <i>Bad Words and Taboo Terms</i> , Dr. Randall Eggert (UU, online)

### Guest Lectures

Fall 02017	LING 300 <i>Introduction to Syntax</i> , Dr. Simin Karimi (UA), three lectures.
Fall 02017	“History of English”. LING 150A <i>Language in the World</i> , Dr. Amy Fountain (UA), November 29, 02017.

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## Peer-Reviewed Publications

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Zupon, Andrew, Maria Alexeeva, Marco A. Valenzuela-Escárcega, Ajay Nagesh, and Mihai Surdeanu. (2019). Lightly Supervised Representation Learning with Global Interpretability. *Proceedings of the 3rd Workshop on Structured Prediction for NLP*. 18–28. <http://dx.doi.org/10.18653/v1/W19-1504>

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## Conference Presentations

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Zupon, Andrew. (2021). “Kashmiri Word Order Variation and the Uniformity of V2 Structure”. 26th Himalayan Languages Symposium. Paris, France. **Conference postponed from 2020 to 2021 due to COVID-19.**

Zupon, Andrew, Maria Alexeeva, Marco A. Valenzuela-Escárcega, Ajay Nagesh, and Mihai Surdeanu. (2019). “Lightly Supervised Representation Learning with Global Interpretability”. 3rd Workshop on Structured Prediction for NLP, Minneapolis, MN, June 7, 2019.

Zupon, Andrew. (2018). “Tagging Scottish Gaelic”. Arizona Linguistics Circle 12 (ALC12), Tucson, AZ, October 12–14, 2018.

Zupon, Andrew, Adam King, Colleen Patton, Michael Hammond, and Andrew Carnie. (2018). “A Corpus Analysis of Breton Soft Mutation Inconsistencies”. Typologi ar Brezhoneg (Typology of Breton), Quimper, France, June 19–20, 2018.

Zupon, Andrew. (2016). “Word Order(\*s) in Kashmiri”. Arizona Linguistics Circle 10 (ALC10), Tucson, AZ, December 2–4, 2016.

Zupon, Andrew. (2015). “Agreement Restrictions in Icelandic Quirky Subject Constructions”. Seoul International Conference on Generative Grammar (SICOGG) 17, Seoul, Republic of Korea, August 5–8, 2015.

Zupon, Andrew. (2015). “Kashmiri Word Order(\*s): V1, V2, V3, V4, and VF”. 21st Himalayan Languages Symposium, Kathmandu, Nepal, June 2–3, 2015. **Accepted, did not present due to earthquakes and conference postponement.**

Zupon, Andrew. (2015). “Icelandic Quirky Agreement Restrictions”. University of Utah Student Conference in Linguistics, Salt Lake City, UT, April 17, 2015.

Zupon, Andrew. (2015). “Kashmiri Word Order(\*s): V1, V2, V3, V4, and VF”. University of Utah Student Conference in Linguistics, Salt Lake City, UT, April 17, 2015.

Zupon, Andrew. (2015). “Icelandic Quirky Agreement Restrictions”. L’atelier de syntaxe Montréal-Ottawa-Toronto-Hamilton Syntax Workshop (MOTH), Ottawa, Ontario, Canada, March 28, 2015.

Zupon, Andrew. (2014). “A Topicalization Analysis of Icelandic Quirky Case Word Order Facts”. University of Utah Student Conference in Linguistics, Salt Lake City, UT, April 11, 2014.

Zupon, Andrew. (2013). “Restrictions on Denominal Verb Formation”. University of Utah Undergraduate Research Symposium, Salt Lake City, UT, April 3, 2013.

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## Invited Talks

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02017      “Linguistics Beyond Academia”. Department of Linguistics, University of Utah,  
April 13, 02017.

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## Service & Outreach

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02020      **Arizona Linguistics Circle 14**  
Abstract Reviewer

02019      **Arizona Linguistics Circle 13**  
Abstract Reviewer

02019      **Graduate & Professional Student Center, UA**  
Travel Grant Reviewer

02019      **LingCircle**  
President, Faculty Representative

02018      **Arizona Linguistics Circle 12**  
Organizing Committee, Abstract Reviewer

02018      **Graduate & Professional Student Center, UA**  
Travel Grant Reviewer

02018      **LingCircle**  
Vice President, Treasurer, Social Chair

02017      **Arizona Linguistics Circle 11**  
Organizing Committee

02017      **Tucson Festival of Books**  
Outreach Volunteer for Department of Linguistics, UA

02015      **Department of Linguistics, University of Utah**  
Research & Community Committee Student Member

02015      **North American Computational Linguistics Olympiad (NACLO)**  
US Contest Site Coordinator

02015      **University of Utah Student Conference in Linguistics**  
Conference Chair

02012–13      **Department of Languages and Literature, University of Utah**  
Peer Advisor

02012      **Alternative Spring Break, University of Utah**  
Environmental cleanup along San Juan River in Southeastern Utah

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## Technical Skills

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**Programming:**                      Python, Scala, Perl, Bash/Shell, Prolog, Matlab

**Machine Learning Tools:**        DyNet, Kaldi, Rasa

**General:**                              L<sup>A</sup>T<sub>E</sub>X, git, Linux, vim

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## Language Skills

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<b>Native:</b>	English
<b>Intermediate:</b>	Spanish, Russian
<b>Basic:</b>	French, Mandarin