

Alexandra (Sasha) Lavrentovich

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Education

- 2014–to date **PhD in Linguistics**, University of Florida.
Dissertation: Using Classifier Features to Determine Cross-Linguistic Influence on Morphemes
Relevant coursework: Experimental Research Methods, Statistics for Linguists, Statistical Research Methods I & II, Categorical Data Analysis, Natural Language Processing with Python (audit), Foundations of Machine Learning (audit), Machine Learning for Natural Language Processing (audit)
- 2011–2013 **MA in Applied Linguistics**, Teacher's College, Columbia University.
Thesis: The Little Categories: An Analysis of the Early L1 Acquisition of Determiners and Adjectives
Relevant coursework: Computers and Cognition, Object-Oriented Theory/Programming I (Java) & II (JavaScript)
- 2006–2010 **BA in Languages and Literature**, Bard College.
Senior Project: Representation of the *Gypsy* in 19th Century Russian Literature

Languages and Skills

- English (native), Russian (native), Ukrainian (near fluent), French (basic)
- Varying levels of proficiency: R, Python, git, Bash, HTML & CSS, LaTeX
- Experience with working on Linux, Mac OS X, Windows
- Familiarity with NLP/ML resources such as: NLTK, spaCy, Gensim, scikit-learn, Pandas, Numpy, TensorFlow, PyTorch

Presentations

- 2018 *Introduction to Machine Learning in (Psycho)linguistic Research*. Invited talk presented at the Florida Psycholinguistics Meeting, University of South Florida, Tampa, FL, October 13.

- 2018 *The cross-linguistic influence of morphemes*. Poster presented at the Florida Psycholinguistics Meeting, University of South Florida, Tampa, FL, October 13.
- 2018 *Using classifier features to detect linguistic transfer on morphemes*. Poster presented at the American Association for Corpus Linguistics (AACL) conference, Georgia State University, Atlanta, GA, September 22.
- 2018 *Balancing Teaching and Research*. Invited talk for the Orientation for Graduate Teaching Assistants: Advice from Panel of Experienced TAs, University of Florida, Gainesville, FL, August 14.
- 2018 *Using classifier features to determine cross-linguistic influence on morphemes*. Thesis proposal presented at the Student Research Workshop at the Annual Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies (NAACL-HLT), New Orleans, LA, June 2.
- 2016 *Competing constraints in the acquisition of determiners, adjectives, count nouns, mass nouns and plurals*. Poster presented at the Florida Psycholinguistics Meeting, Davie, FL, October 15.
- 2016 *Competing constraints in the acquisition of determiners, adjectives, count nouns, mass nouns and plurals*. Poster presented at the International Conference on Infant Studies, New Orleans, LA, May 27.
- 2015 *The Little Categories: Determiner and Adjective Acquisition in Child Language*. Paper presented at the Student Symposium, University of Florida Language Archive Workshop, Gainesville, FL, March 19.

Awards and Fellowships

- 2019 University of Florida's Graduate School Doctoral Dissertation Award
- 2019 University of Florida's College of Liberal Arts and Science Dissertation Fellowship: funding for Spring 2019
- 2018 University of Florida's Calvin A. VanderWerf Graduate Student Teaching Award: highest graduate teaching award at UF
- 2018 RStudio Diversity Scholarship: funding to attend RStudio conference
- 2017 Linguistic Data Consortium Data Scholarship: scholarship to access TOEFL11 corpus
- 2017 Linguistic Institute Fellowship: funding to attend LSA Linguistics Institute
- 2017, 2018 CLAS Graduate Summer Travel Award
- 2016, 2018 CLAS Graduate Fall Travel Award
- 2014–2018 University of Florida Graduate Fellowship Award
- 2006–2010 Bard College Scholarship

Teaching Experience

- 2018 Teaching Assistant: Discussion Leader, IUF1000 The Good Life, University of Florida, Gainesville, FL
- 2015-2018 Teaching Assistant: Instructor, TSL3360 Introduction to Teaching English as a Second Language, University of Florida, Gainesville, FL

Non-Degree Study

- 2018 **Software Carpentry Instructor Training**, University of Florida. Workshop to become certified in instructing beginner programmers
- 2017 **Linguistic Society of America Summer Institute**, University of Kentucky. Coursework in linguistics
- 2009 **Bard Abroad Central European University Program**, Central European University, Budapest, Hungary. Academic study and internship
- 2008 **Bard Globalization and International Affairs Program**, New York, NY. Intensive academic study of international affairs and globalization

University Services

- 2018- to date UF graduate student representative on search committee for assistant professor in computational language science
- 2018 Organizer and co-facilitator of UF Advanced R weekly summer meetings
- 2018 Organizer and co-facilitator of week-long UF R Bootcamp
- 2018 Review of *English Words and Sentences* by Eva Eppler and Gabriel Ozon for Cambridge University Press
- 2017 UF graduate student representative on search committee for a visiting lecturer in syntax
- 2016 Vice president, UF Graduate Linguistics Society
- 2016 Organizer and co-facilitator of UF Advanced R weekly meetings, June-July
- 2016 Organizer and co-facilitator of week-long UF R Workshop
- 2016 Volunteer for 29th Annual CUNY Conference on Human Sentence Processing at UF

Professional Activities

- 2018 *Helper* Software Carpentry with Python at the UF Informatics Institute, University of Florida, Gainesville, FL, August 15-16
- 2018 *Volunteer* Cade Museum for Creativity and Invention, Gainesville, FL, May-August

- 2018 *Helper* Data Carpentry Workshop at the UF Informatics Institute, University of Florida, Gainesville, FL, March 20-21
- 2014 *English language instructor* BeFluent, New York, NY
- 2014 *English language instructor* ILSC, New York, NY
- 2014 *English tutor* English and Culture Tutoring Services, New York, NY
- 2013–2014 *English language instructor* ILSC, San Francisco, CA
- 2012–2013 *English language instructor* Community English Language Program, Columbia University, New York, NY
- 2011–2013 Independent Russian and English tutoring, New York, NY
- 2012–2013 *Content Curriculum Developer* Borne Digital: Books That Grow, New York, NY
- 2009 *Translator and Editorial Intern* European Roma Rights Centre, Budapest, Hungary
- 2008 *Editorial Intern* New York Community Media Alliance, New York, NY