

Matthew George Menzenski



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LANGUAGES & SKILLS

PROGRAMMING/MARKUP

Proficient with Python, \LaTeX ; comfortable with HTML, CSS, XML, XSLT; some experience with JavaScript, Java, C++

SOFTWARE/OTHER

Mac OS X, Linux (Ubuntu/Debian), vim, git, regular expressions, bash

NATURAL LANGUAGES

Fluent in English; professionally proficient in Russian; conversational in Polish

EDUCATION

THE UNIVERSITY OF KANSAS

MA IN SLAVIC LANGUAGES & LITERATURES

MAY 2015 · LAWRENCE, KANSAS

3.94 GPA · SOME PHD COURSEWORK

THE UNIVERSITY OF NEW MEXICO

BA IN LINGUISTICS, RUSSIAN

MAY 2013 · ALBUQUERQUE, NEW MEXICO

SUMMA CUM LAUDE · 4.28 GPA

TOMPKINS-CORTLAND COMMUNITY COLLEGE

AS IN LIBERAL ARTS & SCIENCES — SOCIAL SCIENCE

MAY 2007 · DRYDEN, NEW YORK

WITH HIGH HONOR · 3.64 GPA

SERVICE

INSTRUCTOR FOR “TEXT ANALYSIS WITH PYTHON AND THE NLTK” WORKSHOP (3X)

LANGUAGE & LINGUISTICS EDITOR FOR *RESEARCH IDEAS & OUTCOMES*

REVIEWER FOR *DIGITAL HUMANITIES QUARTERLY* AND *JOURNAL OF OPEN HUMANITIES DATA*

ADVISORY BOARD MEMBER FOR KU OPEN ACCESS AND THE KU INSTITUTE FOR DIGITAL RESEARCH IN THE HUMANITIES

ADVISOR FOR *OVERLEAF* (FORMERLY WRITELATEX)

RESEARCH & PERSONAL PROJECTS

TRUNC · A [Python package](#) for automating large-scale searches of the Russian National Corpus and outputting/analyzing the results

RAZMETKA · A [Python package](#) for automating the training and testing of part-of-speech taggers

DECIBEL-READER · A [Python script](#) which reads USB sensor data, displays it in a live GUI, and uploads it to an FTP server

SELECTED PROFESSIONAL EXPERIENCE

SLAVIA CENTRALIS JOURNAL · EDITORIAL ASSISTANT (LINGUISTICS)

AUGUST 2015–PRESENT · LAWRENCE, KANSAS

- Edited English-language linguistics content
- Archived past journal issues in the KUScholarWorks repository
- Represented *Slavia Centralis* at international conferences

INTERACTIVE INNER ASIA · GRADUATE RESEARCH ASSISTANT

AUGUST 2015–PRESENT · LAWRENCE, KANSAS

- Provided technical support for the *Interactive Inner Asia* project (sponsored by the National Science Foundation, [BCS-1065524](#); PI: Arienne M. Dwyer)
- Wrote XSL stylesheets to add annotation layers to XML Uyghur texts
- Developed orthography and phonetic transcription schema for the Wutun language

ENDANGERED LANGUAGE FUND · COMPUTATIONAL LINGUIST

MAY 2015–PRESENT · LAWRENCE, KANSAS

- Provided technical consulting for the *Automatic Speech Recognition for Uyghur* project (sponsored by the National Science Foundation, [IIS-1519164](#); PI: Arienne M. Dwyer; Co-PI: Tanja Schultz)
- Improved usability and accuracy of the project's Uyghur-Mandarin-English lexicon by writing a [Python script](#) which scraped English translations of Mandarin glosses for 10,113 Uyghur entries from [Wiktionary](#)
- Wrote a [Python script](#) to produce phonetic transcription for Uyghur headwords in Latin orthography
- Trained a Uyghur part-of-speech tagger (using the [Stanford log-linear part-of-speech tagger](#)) which consistently performs at better than 90% accuracy
- Marked up 75 Uyghur texts into well-formed XML with full metadata, orthographic transcription, and Russian/English translation

UNIVERSITY OF KANSAS · GRADUATE RESEARCH ASSISTANT

NOVEMBER 2014–PRESENT · LAWRENCE, KANSAS

- Assisted Professor Stephen M. Dickey with data collection and visualization
- Designed and created 11 network diagrams in \LaTeX /[TikZ](#) to illustrate changing semantic relationships between Slavic verbal prefixes
- Wrote Python scripts to automate collection of data on verb usage from three online historical Russian corpora
- Developed and implemented (in R) a new method for visualizing the grammaticalization of the perfective/imperfective distinction in Russian verbs