JOSHUA MEYER

1103 E. University Bvld ◊ Tucson, Arizona 85721

(520) · 621 · 6897 ◊ joshua.richard.meyer@gmail.com

jrmeyer.github.io

I'm a computational linguist passionate about open-source,
accessible technologies for low-resource languages.

EDUCATION

University of Arizona   Expected 2018
Ph.D. in Linguistics (focus: *computational linguistics*)   *Tucson, AZ*

University of Arizona   Expected May 2017
M.S. in Human Language Technology   *Tucson, AZ*

University of Arizona   May 2015
M.A. in Linguistics   *Tucson, AZ*

Seton Hall University   May 2012
B.A. in Liberal Studies   *South Orange, NJ*

WORK EXPERIENCE

Nextiva, Business VoIP Services   September 2016 - Present
Kaldi & ASR Consultant

OPEN SOURCE WORK

eSpeak NG: *Added Kyrgyz language support to existing open source speech synthesizer.*
https://github.com/rhdunn/espeak/

NVDA: *Added Kyrgyz language support to screen reading program for people with vision impairments.*
https://github.com/JRMeyer/nvda

Autotrace: *Added tongue contour vizualization tools and ported scripts to PyQt4.*
https://github.com/JRMeyer/Autotrace

Tutorials on Open Source Softwares: Kaldi, TensorFlow, CMU-Sphinx, eSpeak NG, Praat.
http://jrmeyer.github.io

GRANTS & AWARDS

Chateaubriand STEM Fellowship   2016
€5.000   *French Embassy to the United States of America*

GROW Travel Award   2016
$5,000   *National Science Foundation*

Graduate Research Fellowship   2015-2018
Approx. $102,000 + $36,000 (tuition)   *National Science Foundation*

Graduate Tuition & Fees Waver   2012-2013 & 2014-2015
Approx. $50,000   *Linguistics Department, University of Arizona*

Visiting Research Fellowship   August 2013 - March 2014
$5,000   *Central Asian Studies Institute, American University of Central Asia*

Regents Scholarship   August 2008 - May 2012
$111,140 (tuition)   *Seton Hall University*

RESEARCH

CNRS-LIMSI   July 2016 - July 2017
Visiting Researcher   *Orsay, France*

  Currently working on DNN acoustic model adaptation and RNN text augmentation techniques

American University of Central Asia   June 2015 - August 2015
Visiting Research Scholar   *Bishkek, Kyrgyzstan*

  Collected recordings to create a spoken corpus of the Kyrgyz language

Arizona Phonological Imaging Lab   Spring 2015
Research Assistant   *Tucson, AZ*

  Developed software to process ultrasonic images

American University of Central Asia   August 2013 - March 2014
Visiting Research Fellow   *Bishkek, Kyrgyzstan*

  Conducted acoustic-phonetic and phonological research

Arizona Scottish Gaelic Project   September 2012 - July 2013
Research Assistant   *Tucson, AZ*

  Conducted fieldwork with speakers of Scottish Gaelic; Aided in online grammar compilation

Language Acquisition Research Center at Hunter CUNY   November 2011 - August 2012
Research Assistant   *New York, NY*

  Transcribed spontaneous speech; Aided in website construction

KIT/NYU MEG Lab at NYU   May 2012 - August 2012
Research Assistant   *New York, NY*

   Aided in data analysis and processing

PUBLICATIONS

(2016) Meyer, Joshua. **Conducting Linguistic Fieldwork in Kyrgyzstan.** *Arizona Anthropologist*, Vol. 27

(Submitted) Lottholz, Philipp, and Bekmurzaev, Nurbek, and Meyer, Joshua. **Navigating the security implications of doing research and being researched in Kyrgyzstan: Cooperation, networks, and framing.** Under review for *Central Asian Survey.*

(Forthcoming) Meyer, Joshua, and Kloehn, Nick, and Carnie, Andrew **The Field is not the Lab, and the Lab is not the Field.** *Perspectives on Language and Linguistics: Community-Based Research.* Edited by Shannon Bischoff and Carmen Jany. *Mouton De Gruyter*

PRESENTATIONS

w/ Quam, Carolyn **Predicting Language Dominance in Kyrgyz-Russian Bilinguals.** Paper presentation at Arizona Linguistics Circle 9.   *2015, Tucson*

w/ Quam, Carolyn, and Bever, Thomas **Phonological processing in Kyrgyz-Russian bilinguals.** Paper presentation at The Miniconference on Metrical Structure: Acquisition and processing.   *2014, Utrecht*

The Kyrgyzstan corpus project: Building a language resource unique to Kyrgyzstan and available to all. CASI Public Seminar at the American University of Central Asia.   *2014, Bishkek*

Now you hear it, now you don't: Phonological processing in Kyrgyz-Russian bilinguals. CASI Public Seminar at the American University of Central Asia.   *2013, Bishkek*

Psycholinguistics: Thinking about language differently. Lecture conducted at The Platttform at Werkstatttraum.   *2013, Berlin*

TEACHING

Mind, Self & Language (LING 150)   Spring 2015 & Fall 2014
Teaching Assistant   *University of Arizona*

Language Development (LING/PSY/SLHS 341)   Fall 2014
Teaching Assistant   *University of Arizona*

TECHNICAL STRENGTHS

Computer Languages	Python, Bash, MATLAB, Perl, R
Other	Kaldi, CMU-Sphinx, TensorFlow, Linux, Emacs, LaTeX, Praat

LANGUAGE SKILLS

Native	English
High Intermediate	Russian, French
Some Knowledge	German, Spanish, Kyrgyz, Chechen