

# ANGELINA MCMILLAN-MAJOR

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Department of Linguistics ◊ University of Washington  
Seattle, Washington, U.S.A

## EDUCATION

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<b>University of Washington</b> , Seattle, Washington	
Ph.D. in Computational Linguistics	<i>Expected June 2022</i>
Computational Linguistics Master of Science Program	<i>September 2016 - June 2017</i>
Bachelor of Arts in Linguistics	<i>September 2013 - June 2015</i>
<b>Bellevue College</b> , Bellevue, Washington	
Associate in Arts and Sciences	<i>June 2012 - June 2013</i>
<b>Swarthmore College</b> , Swarthmore, Pennsylvania	<i>September 2011 - June 2012</i>

## CONFERENCE PROCEEDINGS

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McMillan-Major, Angelina (2020) "Automating Gloss Generation in Interlinear Glossed Text," *Proceedings of the Society for Computation in Linguistics: Vol. 3*, Article 33.

## POSTERS AND PRESENTATIONS

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### Posters

- McMillan-Major, Angelina. 2018. Predicting Glosses in Interlinear Glossed Text. 2nd Widening Natural Language Processing Workshop, NAACL: HLT 2018, New Orleans Louisiana.

### Invited Presentations

- McMillan-Major, Angelina. 2018. Noun Incorporation, *DELPH-IN Summit*
- McMillan-Major, Angelina. 2018. Predicting Glosses in Interlinear Glossed Text, *University of Washington Computational Linguistics "Treehouse" meeting*.
- Haeger, Michael and Angelina McMillan-Major. 2017. The clitic or non-clitic nature of the copula in Kazakh, *DELPH-IN Summit*

## SELECTED COURSEWORK

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**The Golden Age of Egyptian Archaeology: NLP and Historical Texts** *Spring 2018*  
Collaboratively developed a post-OCR spelling correction system using Tensorflow for late 19th and early 20th century handwritten texts.

**Machine Learning** *Autumn 2017*  
Fundamental methodologies and algorithms of machine learning, including classical statistics, data mining, Bayesian statistics, and optimization.

**Knowledge Engineering For Deep Natural Language Processing** *Spring 2017*  
Collaboratively developed a small precision grammar for Kazakh (Turkic, spoken in Kazakhstan).

**Advanced Statistical Methods for Natural Language Processing** *Winter 2017*  
Machine learning algorithms for natural language processing including k-Nearest Neighbors, Naive Bayes, transformation-based learning, Support Vector Machines, Maximum Entropy and Conditional Random Fields.

**Ethics in Natural Language Processing** *Winter 2017*  
Explored the ethical considerations that arise in the deployment of natural language processing technology, including considerations of demographic misrepresentation, bias confirmation, and privacy.

## WORK EXPERIENCE

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### University of Washington Language Learning Center

*Graduate Staff Assistant*

*September 2017 - Present*

- Technical support for the UW language departments, including media database management, equipment and software instruction, and online language course building.

### University of Southern California Information Sciences Institute

*Research Assistant*

*June 2019 - August 2019*

- Summer internship working on linguistically informed neural methods for part of speech tagging.

### University of Washington STARTALK Program

*Program Director (2018), previously Assistant Director*

*Summer 2015, 2016, 2017, 2018*

- Management position for a federally funded program consisting of two concurrent tracks: a language pedagogy course for language teachers, and a high-school level STEM course in Russian (and Portuguese/Spanish in 2017) for heritage speakers.

### Appen Ltd.

*Contract Development Linguist*

*2015 - 2018*

- 5+ linguistic annotation projects between October 2015 and August 2018 for multiple clients with various task-specific datasets and documentation.

## PROFESSIONAL DEVELOPMENT

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### Invited Conference

- 2019 International Conference on Language Technologies for All (LT4All). Paris, France. December 5-6, 2019.

### Workshops

- 2019 CRA-W Grad Cohort Workshop for Women. Chicago, IL, USA. April 12-13, 2019.
- 2019 CRA Grad Cohort for URMD Workshop. Waikoloa, HI, USA. March 22-23, 2019.

## PROFESSIONAL SERVICE

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### Volunteer

- Linguistic Society of America Ethics Committee Student Representative, 2020
- Language Science for Everyone booth volunteer at American Association for the Advancement of Science (AAAS) Family Science Days, Seattle, WA, February 15-16, 2020

## LANGUAGES

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English, *native*.

French, *advanced*.

Japanese, *conversational*.

Russian, *novice*.

## AFFILIATIONS

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Association for Computational Linguistics

Linguistics Society of America.

Linguistics Society of the University of Washington.

Deep Linguistic Processing in HPSG Initiative.