Emily P. Ahn

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RESEARCH INTERESTS	Multilinguality, Pronunciation variation, Code-switching, Typology, Phonetics, Phonology, Second Language Acquisition

EDUCATION

University of Washington
Ph.D. Student, Computational Linguistics   *2019 - Present*

Carnegie Mellon University
M.S., Language Technologies Institute   *2017 - 2019*

Wellesley College
B.A., Cognitive & Linguistic Sciences, Cum Laude   *2012 - 2016*

AWARDS

NSF Graduate Research Fellowship   *2017 - 2021*

RESEARCH

Linguistics Department, University of Washington
Graduate Research Assistant   *2020 - Present*
Advisor: Gina-Anne Levow

Language Technologies Institute, Carnegie Mellon University
Graduate Research Assistant   *2017 - 2019*
Advisors: Alan Black & Yulia Tsvetkov

S.T.A.R. Lab, SRI International
Research Assistant   *2016 - 2017*
Mentors: Colleen Richey, Wen Wang, Dimitra Vergyri

Computer Science Department, Wellesley College
Senior Thesis Student   *2015 - 2016*
Advisor: Sravana Reddy

Institute for Creative Technologies, University of Southern California
NSF REU Intern   *Summer 2015*
Advisor: Andrew Gordon

Media Lab, Massachusetts Institute of Technology
Undergraduate Research Assistant   *Spring 2015*
Supervisor: Mitchel Resnick

PUBLICATIONS

G-A. Levow, **E. P. Ahn** and E. M. Bender
Developing a Shared Task for Speech Processing on Endangered Languages
Workshop on Computational Methods for Endangered Languages 2021. PDF

T. Parekh, **E. P. Ahn**, Y. Tsvetkov and A. W. Black
Understanding Linguistic Accommodation in Code-Switched Human-Machine Dialogues
Conference on Computational Natural Language Learning (CoNLL) 2020. PDF

E. Ahn, C. Jimenez, Y. Tsvetkov and A. W. Black
What Code-Switching Strategies are Effective in Dialogue Systems?
Society for Computation in Linguistics (SCiL) 2020. PDF

L. Breitfeller, **E. Ahn**, D. Jurgens, and Y. Tsvetkov
Finding Microaggressions in the Wild: A Case for Locating Elusive Phenomena in Social Media Posts
EMNLP 2019. PDF

E. Ahn, F. Morbini, and A. Gordon
Improving Fluency in Narrative Text Generation with Grammatical Transformations and Probabilistic Parsing
International Natural Language Generation Conference (INLG) 2016. PDF

PRESENTATIONS

Predicting Continuous Vowel Spaces in the Wilderness *August 2019*
TyP-NLP: The Workshop on Typology for Polyglot NLP
ACL. Florence, Italy. (POSTER) (ABSTRACT)

Understanding Code-Mixed Dialogues in Context *June 2018*
NASSLLI Summer School Student Session
Carnegie Mellon University. Pittsburgh, PA. (Poster)

Two Types of Foreign Accent Classification *September 2016*
Workshop for Young Female Researchers in Speech Science & Technology
INTERSPEECH. San Francisco, CA. (Poster)

Foreign Accent Classification *April 2016*
Great Lakes Expo for Experimental and Formal Undergraduate Linguistics
Michigan State University. East Lansing, MI. (Talk)

Fluency Transformations in Storytelling *October 2015*
Research Experiences for Undergraduates Symposium
NSF. Arlington, VA. (Poster)

TEACHING

Linguistics Department, University of Washington
Teaching Assistant, Language and Society *Fall 2021*
Teaching Assistant, Introduction to Linguistics *Fall 2019*

Language Technologies Institute, Carnegie Mellon University
Teaching Assistant, Colloquium *Fall 2018, Spring 2019*

NASSLLI Summer School, Carnegie Mellon University
Teaching Assistant, Corpus Linguistics *Summer 2018*

Cognitive & Linguistic Sciences, Wellesley College
Teaching Assistant, Introduction to Linguistics *Fall 2015, Spring 2016*
Teaching Assistant, Sounds of Language *Spring 2016*

Girls Who Code (Intel), Stanford University
Teaching Assistant, Introductory Computer Science *Summer 2014*

SERVICE	**Reviewer**

SERVICE

Reviewer
Workshop on Computational Typology and Multilingual NLP — *2020 - 2021*
Transactions on Asian and Low-Resource Language Information Processing — *2020*
Northwest Linguistics Conference — *2020*

Officer, Linguistics Society at the University of Washington
President — *2021 - 2022*
Community Development Chair — *2020 - 2021*

Student Volunteer
Conference on Empirical Methods in Natural Language Processing (EMNLP) — *2020*
Annual meeting of the Association for Computational Linguistics (ACL) — *2020*

Mentor
Carnegie Mellon University AI Undergraduate Research — *2018 - 2019*

MEMBERSHIP

Linguistic Society of America (LSA) — *2020 - Present*
Association for Computational Linguistics (ACL) — *2018 - Present*

LANGUAGES

Human
English (native), Korean (heritage), Spanish & Mandarin (working)
Russian & Arabic (beginner)

Computer
Python, Java, UNIX, JavaScript, HTML/CSS

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