

RESEARCH INTERESTS	Multilingual NLP & Speech technology, Typology, Phonetics, Phonology, Language variation, Code-switching	
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	Amazon Care AI, Amazon Inc. <i>Applied Science Intern</i> Manager: Jangwon Kim	Summer 2022
	Linguistics Department, University of Washington <i>Graduate Research Assistant</i> Advisor: Gina-Anne Levow	2020
	Language Technologies Institute, Carnegie Mellon University <i>Graduate Research Assistant</i> Advisors: Yulia Tsvetkov & Alan W. Black	2017 - 2019
	S.T.A.R. Lab, SRI International <i>Research Assistant</i> Mentors: Colleen Richey, Wen Wang, Dimitra Vergyri	2016 - 2017
	Computer Science Department, Wellesley College <i>Senior Thesis Student</i> Advisor: Sravana Reddy	2015 - 2016
	Institute for Creative Technologies, University of Southern California <i>NSF REU Intern</i> Advisor: Andrew Gordon	Summer 2015
	Media Lab, Massachusetts Institute of Technology <i>Undergraduate Research Assistant</i> Supervisor: Mitchel Resnick	Spring 2015
PUBLICATIONS	E. P. Ahn and E. Chodroff VoxCommunis: A Corpus for Cross-linguistic Phonetic Analysis Conference on Language Resources and Evaluation (LREC) 2022. PDF	
	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. Breidfeller, **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

INVITED

Data Collection, Bias, and Ethical Concerns in Speech Processing 2022

E. P. Ahn, G. Anumanchipalli, S. Sakti and O. Scharenborg

Panel at Speech for Social Good Workshop, INTERSPEECH. Virtual. (VIDEO)

Phonetic Forced Alignment with the Montreal Forced Aligner 2022

Tutorial at University of Potsdam, Linguistics. Virtual.

PRESENTATIONS

Investigating the Acoustic Fidelity of Remote Recording Methods 2022

E. P. Ahn, W. Bowers, E. Deaton, G-A. Levow, S. Ng, M. Oganyan, R. Squizzero and R. A. Wright

Acoustical Society of America (ASA). Denver, CO. (ABSTRACT)

Predicting Continuous Vowel Spaces in the Wilderness 2019

E. P. Ahn and D. R. Mortensen

TyP-NLP: The Workshop on Typology for Polyglot NLP

ACL. Florence, Italy. (POSTER) (ABSTRACT)

Understanding Code-Mixed Dialogues in Context 2018

NASSLLI Summer School Student Session

Carnegie Mellon University. Pittsburgh, PA. (Poster)

Two Types of Foreign Accent Classification 2016

Workshop for Young Female Researchers in Speech Science & Technology

INTER_SPEECH. San Francisco, CA. (Poster)

Foreign Accent Classification 2016

Great Lakes Expo for Experimental and Formal Undergraduate Linguistics

Michigan State University. East Lansing, MI. (Talk)

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

TEACHING

Linguistics Department, University of Washington
Teaching Assistant, Swearing and Taboo Languages (Laura McGarrity) Spring 2022
Teaching Assistant, Phonology I (Myriam Lapierre) Winter 2022
 – *Guest Lecture*: Phoneme Inventories
Teaching Assistant, Introduction to Morphology (Sharon Hargus) Winter 2022
Teaching Assistant, Language and Society (Betsy Evans) Fall 2021
Teaching Assistant, Introduction to Linguistics (Laura McGarrity) Fall 2019

Language Technologies Institute, Carnegie Mellon University
Teaching Assistant, Colloquium (Yulia Tsvetkov) 2018 - 2019

NASSLLI Summer School, Carnegie Mellon University
Teaching Assistant, Corpus Linguistics (Na-Rae Han) Summer 2018

Cognitive & Linguistic Sciences, Wellesley College
Teaching Assistant, Introduction to Linguistics (Angela Carpenter) 2015 - 2016
Teaching Assistant, Sounds of Language (Angela Carpenter) Spring 2016

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

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

SKILLS

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

Computer Languages & Tools

Python & UNIX (fluent), Java (working), JavaScript & HTML/CSS (basic)
Scikit-Learn (fluent), Praat & Kaldi (working), PyTorch (basic)

Last Updated: 4 October 2022