

RESEARCH INTERESTS	Corpus Phonetics, Phonology, Multilingual NLP & Speech technology, Typology, Language Variation, Forced Alignment	
EDUCATION	University of Washington Ph.D. Student, Computational Linguistics	<i>2019 - Present</i>
	Carnegie Mellon University M.S., Language Technologies Institute	<i>2017 - 2019</i>
	Wellesley College B.A., Cognitive & Linguistic Sciences, Cum Laude	<i>2012 - 2016</i>
AWARDS	NSF Graduate Research Fellowship UW Excellence in Linguistic Research Graduate Fellowship	<i>2017 - 2021</i> <i>2023</i>
RESEARCH	Amazon Care AI, Amazon Inc. <i>Applied Science Intern</i> Manager: Jangwon Kim	<i>Summer 2022</i>
	Linguistics Department, University of Washington <i>Graduate Research Assistant</i> Advisor: Gina-Anne Levow	<i>2020</i>
	Language Technologies Institute, Carnegie Mellon University <i>Graduate Research Assistant</i> Advisors: Yulia Tsvetkov & Alan W. Black	<i>2017 - 2019</i>
	S.T.A.R. Lab, SRI International <i>Research Assistant</i> Mentors: Colleen Richey, Wen Wang, Dimitra Vergyri	<i>2016 - 2017</i>
	Computer Science Department, Wellesley College <i>Senior Thesis Student</i> Advisor: Sravana Reddy	<i>2015 - 2016</i>
	Institute for Creative Technologies, University of Southern California <i>NSF REU Intern</i> Advisor: Andrew Gordon	<i>Summer 2015</i>
	Media Lab, Massachusetts Institute of Technology <i>Undergraduate Research Assistant</i> Supervisor: Mitchel Resnick	<i>Spring 2015</i>
PUBLICATIONS	M. Oganyan, G-A. Levow, R. Squizzero, E. P. Ahn , S. Ng, E. Deaton and R. Wright Investigating the Acoustic Fidelity of Vowels across Remote Recording Methods <i>In review.</i>	

E. P. Ahn, G-A. Levow, R. Wright and E. Chodroff
An Outlier Analysis of Vowel Formants from a Corpus Phonetics Pipeline
INTERSPEECH 2023.

E. P. Ahn and E. Chodroff
VoxCommunis: A Corpus for Cross-linguistic Phonetic Analysis
Conference on Language Resources and Evaluation (LREC) 2022. PDF (POSTER)

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

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. (Poster) (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
 INTERSPEECH. 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
Co-Instructor, Basics for Computational Linguistics Summer 2023
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
 International Workshop on Spoken Dialogue Systems Technology 2023
 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 & R (basic);
Scikit-Learn (fluent), Praat & Kaldi (working), PyTorch (basic)

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