

# CHRISTIAN CLARK

Ph.D. Candidate, The Ohio State University

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Education	<b>The Ohio State University</b>	2020–present
	<ul style="list-style-type: none"><li>• Ph.D. Candidate in Computational Linguistics</li><li>• Advisor: William Schuler</li></ul>	
	<b>University of Pittsburgh</b>	2013–2017
	<ul style="list-style-type: none"><li>• B.S. in Computer Science, B.A. in Music, Minor in Linguistics</li><li>• 4.0 GPA, <i>summa cum laude</i></li></ul>	
Employment	<b>Amazon Alexa</b> , Pittsburgh, PA	
	<ul style="list-style-type: none"><li>• Applied Scientist</li></ul>	2018–2020
	Implemented $n$ -gram and recurrent neural network language models for on-device speech recognition	
	<ul style="list-style-type: none"><li>• Applied Scientist Intern</li></ul>	2017–2018
	<ul style="list-style-type: none"><li>• Research Scientist Intern</li></ul>	2016
	<b>University of Pittsburgh</b>	
	<ul style="list-style-type: none"><li>• Research Assistant, Learning Research and Development Center</li></ul>	2014
Publications	<a href="#">How Well Does First-Token Entropy Approximate Word Entropy as a Psycholinguistic Predictor?</a>	
	<b>Christian Clark</b> , Byung-Doh Oh, and William Schuler, <i>arXiv preprint</i> , 2025.	
	<a href="#">Linear Recency Bias During Training Improves Transformers' Fit to Reading Times.</a>	
	<b>Christian Clark</b> , Byung-Doh Oh, and William Schuler, <i>Proceedings of the 31st International Conference on Computational Linguistics</i> , 2025.	
	<a href="#">Categorical Grammar Induction with Stochastic Category Selection.</a>	
	<b>Christian Clark</b> and William Schuler, <i>Proceedings of the 2024 Joint International Conference on Computational Linguistics, Language Resources and Evaluation</i> , 2024.	
	<a href="#">Categorical Grammar Induction from Raw Data.</a>	
	<b>Christian Clark</b> and William Schuler, <i>Findings of the Association for Computational Linguistics</i> , 2023.	
	<a href="#">Comparison of Structural Parsers and Neural Language Models as Surprisal Estimators.</a>	
	Byung-Doh Oh, <b>Christian Clark</b> , and William Schuler, <i>Frontiers in Artificial Intelligence</i> , 2022.	
	<a href="#">Surprisal Estimators for Human Reading Times Need Character Models.</a>	
	Byung-Doh Oh, <b>Christian Clark</b> , and William Schuler, <i>Proceedings of the 59th Annual Meeting of the Association for Computational Linguistics and the 11th International Joint Conference on Natural Language Processing</i> , 2021.	

<b>Presentations</b>	<i>Effects of Recency Bias on Transformers' Predictions of Reading Times</i> . Invited talk (virtual) at University of Nottingham, 2025.	
	<i>Linear Recency Bias During Training Improves Transformers' Fit to Reading Times</i> . Poster presentation at Midwest Speech and Language Days, 2025.	
	<a href="#"><i>Effects of Recency Bias on Transformers' Predictions of Reading Times</i></a> . Talk at the 38th Annual Conference on Human Sentence Processing, 2025.	
	<i>Categorial Grammar Induction from Raw Data</i> . Talk at Midwest Speech and Language Days, 2024.	
	<i>Introduction to Computational Linguistics and Language Modeling</i> . Invited guest lecture for Ohio State Summer Linguistics Institute for Youth Scholars, 2023.	
	<a href="#"><i>Evidence for Composition Operations in Broad-Coverage Sentence Processing</i></a> . Virtual poster presentation at the 35th Annual Conference on Human Sentence Processing, 2022.	
	<i>Evidence for Composition Operations in Broad-Coverage Sentence Processing</i> . Poster presentation at the Ohio State Center for Cognitive and Brain Sciences Fall Retreat, 2022.	
<b>Teaching</b>	<a href="#"><i>L<sup>A</sup>T<sub>E</sub>X</i> for Linguists</a> . Annual workshop offered by the Ohio State Laboratory and Computing Committee, 2020–2024.	
	<i>Data Selection for Language Modeling</i> . Workshop presented at Amazon Machine Learning Conference, 2018.	
	<i>Quantitative Authorship Attribution with the AppLing Corpus</i> . Talk at University of Pittsburgh Linguistics Colloquium, 2016.	
	Guest instructor for NACLO prep course, Metro Early College High School (Columbus, OH)	2024
	Graduate Teaching Associate (Instructor of Record), LING 3802: Language and Computers, The Ohio State University	2022–2023
<b>Service</b>	Undergraduate Teaching Assistant, CS 0008: Introduction to Python Programming, University of Pittsburgh	2015–2016
	Reviewer for ACL Rolling Review	2023–2025
	Proctor for NACLO	2022, 2023
	Treasurer, Ohio State Student Linguistics Association	2021–2022
<b>Awards</b>	Ohio State Laboratory and Computing Committee member	2020–present
	Dean's Distinguished University Fellowship, The Ohio State University	2020–2022, 2025–2026
	Outstanding Undergraduate Student, University of Pittsburgh Computer Science Department	2017

Chancellor's Scholarship, University of Pittsburgh  
National Merit Scholarship

2013–2017  
2013