

Venkata S Govindarajan

HE/HIM/HIS
DEPARTMENT OF LINGUISTICS,
THE UNIVERSITY OF TEXAS AT AUSTIN

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EDUCATION

University of Texas at Austin	2019–2024
<i>PhD Computational Linguistics</i>	GPA:3.9/4
University of Rochester	2017–2019
<i>MS Computational Linguistics</i>	GPA:3.75/4
Indian Institute of Technology Madras	2012–2017
<i>Dual Degree(B.Tech & M.Tech) Biological Engineering</i>	GPA:8.68/10

WORK EXPERIENCE

Amazon – Alexa Applied Scientist Intern	Summer 2021
<i>Natural Language Processing & Understanding</i>	VIRTUAL
Implemented an unsupervised method for detecting data drift in NLU models, and validated the approach on simulated and real-world drift. Received return internship offer for summer 2022.	

SELECT PAPERS

- Govindarajan, V. S., B. T. Chen, R. Warholc, K. Erk & J. J. Li. 2020. [Help! Need Advice on Identifying Advice](#). In *Proceedings of The 2020 Conference on Empirical Methods in Natural Language Processing (EMNLP)*.
- Govindarajan, V., B. V. Durme & A. S. White. 2019. [Decomposing Generalization: Models of Generic, Habitual, and Episodic Statements](#). *Transactions of the Association for Computational Linguistics (TACL)* 7. 501–517.

SKILLS

Programming Languages Python, Swift, Javascript, R, MATLAB, LISP, C, C++
Tools & Frameworks pyTorch, Tensorflow, Keras, Transformers, SciPy, Pandas, nltk, SQL, Docker, ~~LaTeX~~, Jupyter, Unix, SwiftUI, CoreML
Languages English(native), Tamil(native), Hindi(intermediate)

APPS

DeTeXt: I built an open source app for iOS, iPadOS and macOS that predicts the best LaTeX commands corresponding to hand-drawn symbols using deep neural networks. Built using SwiftUI, Combine, PencilKit and CoreML, the app has 4000+ installs.

PROFESSIONAL SERVICE

Co-organizer of Texas [South by Semantics Workshop](#) 2022 with [Samuel Cantor](#).
Primary Reviewer at [SIGDIAL 2022](#).
Texas Linguistics Society(TLS) Conference [2022](#) & [2021](#) Organizing Committee.