

# Venkata S Govindarajan

HE/HIM  
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 &amp; M.Tech) Biological Engineering</i>	GPA:8.68/10

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## WORK EXPERIENCE

Amazon – Alexa Applied Scientist Intern	Summer 2021
<i>Unsupervised Drift detection – NLP, NLU</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.	

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## 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.

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## SKILLS

**Programming Languages** Python, Swift, Javascript, R, MATLAB, LISP, C, C++  
**Tools & Frameworks** pyTorch, Tensorflow, Keras, Huggingface Transformers, SciPy, Pandas, nltk, Docker, L<sup>A</sup>T<sub>E</sub>X, Jupyter, Unix, SwiftUI, CoreML  
**Languages** English(native), Tamil(native), Hindi(intermediate)

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## 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.

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## PROFESSIONAL SERVICE

Primary Reviewer at SIGDIAL 2022.  
Texas Linguistics Society(TLS) Conference 2022 & 2021 Organizing Committee.