

Venkata S Govindarajan

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

✉ venkat@venkatasg.net
🐙 [venkatasg](#)
🌐 [gvenkatas](#)

EDUCATION

University of Texas at Austin	2019–
<i>PhD Computational Linguistics</i>	GPA:3.9/4
University of Rochester	2017–2019
<i>MS Computational Linguistics</i>	GPA:3.75/4
Thesis: Decomposing Generalization Advisor: Prof. Aaron Steven White	
Indian Institute of Technology Madras	2012–2017
<i>Dual Degree(B.Tech & M.Tech) Biological Engineering</i>	GPA:8.68/10
Thesis: Direction Maps in the Whisker Barrel Cortex Advisor: Prof. Srinivasa Chakravarthy	

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.	

SELECT PAPERS

Govindarajan, V. S., B. T. Chen, R. Warholc, K. Erk & J. J. Li. 2020a. [Help! Need Advice on Identifying Advice](#). In *Proceedings of The 2020 Conference on Empirical Methods in Natural Language Processing*.

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* 7. 501–517.

SKILLS

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

APPS

DeTeXt: 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. 4000+ users.