

Venkata S Govindarajan

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

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EDUCATION

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

WORK EXPERIENCE

Amazon – Alexa Applied Scientist Intern <i>Natural Language Processing & Understanding</i>	Summer 2021 VIRTUAL
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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, Huggingface Transformers, SciPy, Pandas, nltk, Docker, L^AT_EX, 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.
Primary Reviewer at [SIGDIAL 2022](#).
Texas Linguistics Society(TLS) Conference [2022](#) & [2021](#) Organizing Committee.