

Venkata S Govindarajan

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

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

EDUCATION

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| 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

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| 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. 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.

SERVICE

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