VENKATA S GOVINDARAJAN

UNIVERSITY OF TEXAS AT AUSTIN | DEPARTMENT OF LINGUISTICS | HE/HIM

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EDUCATION

University of Texas at Austin 2019–
PhD Computational Linguistics
GPA: 3.78/4

University of Rochester 2017–2019
MS Computational Linguistics
GPA: 3.75/4

Indian Institute of Technology Madras 2012–2017
Dual Degree(B.Tech & M.Tech) Biological Engineering
GPA: 8.68/10

WORK EXPERIENCE

Amazon Alexa Applied Scientist Intern Summer 2021
Unsupervised Drift detection – NLP, NLU Virtual
- Implemented an unsupervised method for detecting data drift in NLU models.
- Validated the approach on simulated and real-world drift.

RESEARCH EXPERIENCE

Linguistic Intergroup Bias 2020-
Research Project – Computational Semantics & Pragmatics UT Austin
Advisor: Prof. David Beaver, Prof. Junyi Jessy Li

Advice in Online Forums 2019-20
Research Project – Computational Semantics & Discourse UT Austin
Advisor: Prof. Junyi Jessy Li

Decomposing Generalization 2018-19
MS Thesis – Computational Semantics University of Rochester
Advisor: Prof. Aaron Steven White

SKILLS

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

APPS

DeTeXt: An open source app for iPhone, iPad and Mac that predicts the best LaTeX commands corresponding to hand-drawn symbols using deep neural networks. Built using SwiftUI, Combine, PencilKit and CoreML.

PAPERS

Govindarajan, **V. S.**, B. T. Chen, R. Warholic, 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*.

White, A. S., E. Stengel-Eskin, S. Vashishtha, **V. S. Govindarajan**, et al. 2020. The Universal Decompositional Semantics Dataset and Decomp Toolkit. In *Proceedings of The 12th Language Resources and Evaluation Conference*, 5698–5707. Marseille, France: European Language Resources Association.

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.

TALKS

Govindarajan, **V. S.**, B. T. Chen, R. Warholic, K. Erk & J. J. Li. 2020b. Help! Need Advice on Identifying Advice. Presented at *The 2020 Conference on Empirical Methods in Natural Language Processing*. Virtual. Nov 16-20 2020.

Govindarajan, **V.**, B. V. Durme & A. S. White. 2020. Decomposing Generalization: Models of Generic , Habitual, and Episodic Statements. Presented at *The 58th Annual Meeting of the Association for Computational Linguistics*. Virtual. July 5-10 2020.

AWARDS

Silver medal at International Genetically Engineered Machine (iGEM)	Fall 2016
Indian Biological Engineering Competition (iBEC) grant for INR 1,000,000	Fall 2016
National BIRAC-IdeaThon on Antimicrobial Resistance Finalist	Fall 2016
Second runner up in 3M-CII Young Innovators Challenge	Spring 2015