

VENKATA S GOVINDARAJAN

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

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EDUCATION

University of Texas at Austin <i>PhD Computational Linguistics</i> GPA: 3.78/4	2019–
University of Rochester <i>MS Computational Linguistics</i> GPA: 3.75/4	2017–2019
Indian Institute of Technology Madras <i>Dual Degree(B.Tech & M.Tech) Biological Engineering</i> GPA: 8.68/10	2012–2017

INTERESTS

Computational Linguistics, Natural Language Processing

RESEARCH EXPERIENCE

Advice in Online Forums <i>Research Project - Computational Semantics & Discourse</i> Advisor: Prof. Junyi Jessy Li, UT Austin	2019–
Decomposing Generalization <i>MS Thesis - Computational Semantics</i> Advisor: Prof. Aaron Steven White, University of Rochester	2018-19
Direction Maps in the Whisker Barrel Cortex <i>M.Tech Thesis - Computational Neuroscience</i> Advisor: Prof. Srinivasa Chakravarthy, IIT Madras	2016-17

SKILLS

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

APPS

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

RESEARCH 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.

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.

RESEARCH TALKS

Govindarajan, V. S., B. T. Chen, R. Warholic, K. Erk & J. J. Li. 2020b. [Help! Need Advice on Identifying Advice](#). To be 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) 2016.

Indian Biological Engineering Competition (iBEC) grant for INR 1,000,000.

National BIRAC-IdeaThon on Antimicrobial Resistance 2016 Finalist.

Second runner up in 3M-CII Young Innovators Challenge 2015.