

VENKATA S GOVINDARAJAN

[✉ GVENKATA1994@GMAIL.COM](mailto:GVENKATA1994@GMAIL.COM) • [🌐 VENKATASG](#) • [in GVENKATAS](#)

EDUCATION

- University of Texas at Austin** 2019–
PhD Computational Linguistics
GPA: 3.73/4
- 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

INTERESTS

Computational Linguistics, Natural Language Processing

RESEARCH EXPERIENCE

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

SKILLS

Programming Languages: Python, Swift, R, MATLAB, LISP, Javascript, C, C++
Tools & Frameworks: pyTorch, SciPy stack, keras, pandas, Docker, \LaTeX , Jupyter, Unix, nltk, 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. Warholc, K. Erk & J. J. Li. 2020b. [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., 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.

Govindarajan, V. S., B. T. Chen, R. Warholc, K. Erk & J. J. Li. 2020a. [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.

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.