VENKATA S GOVINDARAJAN

GVENKATA1994@GMAIL.COM • VENKATASG • VENKATASG1994

EDUCATION

University of Texas at Austin 2019–
PhD Computational Linguistics
CGPA: 3.73/4

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

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

RESEARCH INTERESTS

Computational Semantics & Pragmatics, Natural Language Processing, Philosophy of Language, Cognitive Science & Computational Social Science

PAPERS

Govindarajan, V. S., B. T. Chen, R. Warholic, J. J. Li & K. Erk. 2020. Help! Need Advice on Identifying Advice. In *Proceedings of The 2020 Conference on Empirical Methods in Natural Language Processing*. To appear. Online.

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.

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.

TEACHING

Teaching Assistant

Analyzing Linguistic Data and Programming for Linguists Fall 2019
Introduction to Computational Linguistics Fall 2019

Introduction to Computational Linguistics — Fall 2018
Data Structures and Algorithms for Biology — Fall 2016

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.

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.

COURSEWORK

Language and Power • Syntax • Formal Semantics • Introduction to Pragmatics • Morphology • Machine Learning • Statistical Speech and Language Processing • Logical Foundations of AI • Natural Language Processing • Principles of Neuroscience • Probability,Statistics and Stochastic Processes • Applied Statistics • Data Structures and Algorithms for Biology • Analysis and Interpretation of Biological Data