

VENKATA S GOVINDARAJAN

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

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EDUCATION

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

INTERESTS

Natural Language Processing, Machine Learning, Data Science

WORK EXPERIENCE

Amazon Applied Scientist Intern	Summer 2021
<i>Unsupervised Drift detection</i>	
Implemented an unsupervised method for detecting dataset drift that could lead to performance loss in NLU models. Validated the approach on simulated dataset drift and real-world Alexa data.	

SKILLS

Programming Languages Python, Swift, R, MATLAB, LISP, Javascript, C, C++
Tools & Frameworks pyTorch, Tensorflow, Keras, Huggingface Transformers, SciPy, Pandas, nltk, Docker, L^AT_EX, 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.

RESEARCH EXPERIENCE

Linguistic Intergroup Bias	2019–
<i>Research Project - Computational Semantics & Pragmatics, Social Science</i>	
Advisor: Prof. David Beaver, Prof. Junyi Jessy Li, UT Austin	

Advice in Online Forums 2019-20

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

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