

# Gaurav Kamath

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## Education

### McGill University / Mila – Quebec AI Institute

2022 - 2026      PhD. in Linguistics  
Courses: Applied Machine Learning, Seminar in Semantics.  
CGPA: 4.0/4.0

### McGill University

2021 – 2022\*      M.A. in Linguistics  
Courses: NLU with Deep Learning, Computational Linguistics, Natural Language  
to Data Science, Syntax 3, Phonology 3, Semantics 3, Semantics 4.  
CGPA: 4.0/4.0

*\*(Unfinished; fast-tracked to PhD program)*

### Ashoka University

2019 - 2020      Postgraduate Diploma in Advanced Research Studies,  
with a Second Major Equivalent in Philosophy  
CGPA: 3.91/4.0

2016 - 2019      Bachelor of Arts in Politics, Philosophy and Economics  
CGPA: 3.59/4.0

## Areas of Interest

Computational Linguistics, NLP, Semantics, Linguistic Analysis of Language Models.

## Publications

- *Scope Ambiguities in Large Language Models* [2023]  
Gaurav Kamath, Sebastian Schuster, Sowmya Vajjala, Siva Reddy  
[under review]
- [\*Does a Neural Language Model Understand the De Re / De Dicto Distinction?\*](#) [2023]  
Gaurav Kamath\*, Laurestine Bradford\*  
In *Proceedings of the Society for Computation in Linguistics*, 6(1), 69-84.
- *Expressive Polysemy and How to Process it* [2020]  
Gaurav Kamath  
Undergraduate Capstone Thesis, Ashoka University.

## Talks and Presentations

- *Scope Ambiguities in Large Language Models* [June 2023]  
National Research Council Canada, online.
- *Does a Neural Language Model Understand the De re / De dicto Distinction?*  
[June 2023]  
With Laurestine Bradford. 6<sup>th</sup> Annual Meeting of the Society for Computation in Linguistics (SCiL), University of Massachusetts, Amherst, June 15<sup>th</sup>-17<sup>th</sup>.
- *Lexical Semantics for Expressives*  
[May 2022]  
14<sup>th</sup> Toronto-Ottawa-Montreal Semantics Workshop, Carleton University, June 15<sup>th</sup>-17<sup>th</sup>.

## Teaching

Fall 2022 McGill University	Teaching Assistant <i>Introduction to Linguistics</i> , with Prof. Morgan Sonderegger
Monsoon 2021 Ashoka University	Teaching Fellow <i>Symbolic Logic</i> , with Prof. Raja Rosenhagen
Spring 2020 Ashoka University	Teaching Assistant <i>Existentialism and Ethics</i> , with Prof. Clancy Martin
Spring 2019 Ashoka University	Peer Tutor <i>Bad Music</i> , with Prof. Aditi Chaturvedi
Monsoon 2018 Ashoka University	Peer Tutor <i>Introduction to Critical Thinking</i> , with Prof. Amaan Shreyas

## Work Experience

Jun 2022 – Aug 2022	Summer Internship Mila – Quebec AI Institute Montreal, Canada <ul style="list-style-type: none"><li>○ Research on linguistic analysis of large language models.</li></ul>
Jun 2019 – Aug 2019	Research Internship Sattva Consulting Bangalore, India <ul style="list-style-type: none"><li>○ Development sector research for projects with UNICEF and the Bill &amp; Melinda Gates Foundation.</li></ul>

## Languages

English (Native)

Hindi (Conversational Fluency)

French (Conversational Fluency)

Kannada (Functional)

Sanskrit (Basic)

Python (Fluency)

R (Moderate Proficiency)

Linux Bash (Basic)

## Skills & Proficiencies

- Linguistic Analysis
- Writing
- Broad-Domain Research
- Quantitative Data Analysis
- Regression-based Machine Learning Methods
- Deep Learning-based Machine Learning Methods