

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, Experimental Linguistics: Methods.
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

- *Semantic Change is Not Primarily a Generational Process* [2025]
Gaurav Kamath, Michelle Yang, Siva Reddy, Morgan Sonderegger, Dallas Card
Under Review at *Proceedings of the National Academy of Sciences of the United States of America*.
- *Language Models Largely Exhibit Human-like Constituent Ordering Preferences* [2025]
Ada Tur, Gaurav Kamath, Siva Reddy
Submitted to the 2025 Annual Conference of the North American Chapter of the Association for Computational Linguistics.

- [*Scope Ambiguities in Large Language Models*](#) [2024]
Gaurav Kamath, Sebastian Schuster, Sowmya Vajjala, Siva Reddy
In *Transactions of the Association for Computational Linguistics*.
- [*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 2024]
[POSTER] 2024 Annual Conference of the North American Chapter of the Association for Computational Linguistics, Mexico City, June 16th-21st, 2024.
- *Does a Neural Language Model Understand the De re / De dicto Distinction?* [June 2023]
[TALK] With Laurestine Bradford. 6th Annual Meeting of the Society for Computation in Linguistics (SCiL), University of Massachusetts, Amherst, June 15th-17th.
- *Lexical Semantics for Expressives* [May 2022]
[TALK] 14th Toronto-Ottawa-Montreal Semantics Workshop, Carleton University, June 15th-17th.

Teaching

Winter 2025 McGill University	Teaching Assistant <i>From Natural Language to Data Science</i> , with Prof. Siva Reddy & Prof. Morgan Sonderegger
Winter 2024 McGill University	Teaching Assistant <i>From Natural Language to Data Science</i> , with Prof. Siva Reddy & Prof. Morgan Sonderegger
Fall 2023 McGill University	Teaching Assistant <i>Introduction to Semantics</i> , with Prof. Brendan Gillon
Fall 2023 McGill University	Teaching Assistant <i>Introduction to Semantics</i> , with Prof. Brendan Gillon
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

May 2024 – Dec 2024	Research Internship National Research Council Canada Montreal, Canada <ul style="list-style-type: none"> Research on the effectiveness of synthetic data for low-resource language Named Entity Recognition.
Jun 2022 – Aug 2022	Summer Internship Mila – Quebec AI Institute Montreal, Canada <ul style="list-style-type: none"> Research on linguistic analysis of large language models.
Jun 2019 – Aug 2019	Research Internship Sattva Consulting Bangalore, India <ul style="list-style-type: none"> Development sector research for projects with UNICEF and the Bill & Melinda Gates Foundation.

Languages

English (Native)	Python (Fluency)
Hindi (Conversational Fluency)	R (Fluency)
French (Conversational Fluency)	Linux Bash (Basic)
Kannada (Functional)	

Skills & Proficiencies

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