Jacob Louis HOOVER

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Education

2018–(2024)	PhD student in Linguistics, **McGill** University, and **Mila** – Quebec Artificial Intelligence Institute advisor: Timothy J. O'Donnell. [Fast-tracked from MA program in 2019]
2006–2012	BACHELOR OF LIBERAL ARTS (ALB), *cum laude*, **Harvard University Extension School** Field of Study: Mathematics | Minor: Linguistics

Teaching

WINTER 2022	TA for McGill COMP 596 *Probabilistic Programming* (Prof. Timothy O'Donnell)
FALL 2021	Guest lecture for McGill COMP 445 *Computational Linguistics*
	TA for McGill COMP 445 *Computational Linguistics* (Prof. Timothy O'Donnell)
WINTER 2021	TA for McGill COMP 596 *Probabilistic Programming* (Prof. Timothy O'Donnell)
FALL 2020	TA for McGill COMP 445 *Computational Linguistics* (Prof. Timothy O'Donnell)
WINTER 2020	TA for McGill LING 201 *Introduction to Linguistics* (Prof. Francisco Torreira, Mathieu Paillé)
FALL 2019	TA for McGill LING 201 *Introduction to Linguistics* (Prof. Francisco Torreira, Prof Junko Shimoyama)

Community

2020	Graduate Program changes Committee, student member
2020–2022	Graduate student representative, McGill Linguistics Department
2019–2022	Vice President, Academic, **GLAM**, Graduate Linguistics Association of McGill
2019–2020	Founding member, **EARTH-LING**, McGill Linguistics department environmental working group
2018–pres.	Graduate student member, webmaster, Montreal Computational and Quantitative Linguistics Lab (**MCQLL**)

Reviewing: CogSci 2021, CoNLL 2020

Awards

2020	**Microsoft Research-Mila Collaboration Grant**, for project supervised by Alessandro Sordoni (MSR Montreal) and Prof. Timothy O'Donnell (Mila)
2019	**Graduate Scholar Stipend**, Centre for Research on Brain, Language and Music (CRBLM)

Research

Hoover, Jacob Louis (Sept. 6, 2022). "With Better Language Models, Processing Time Is Superlinear in Surprisal". Poster. Architectures and Mechanisms for Language Processing (AMLaP) 28 (York, England).

Hoover, Jacob Louis et al. (Nov. 2021). "Linguistic Dependencies and Statistical Dependence". In: *Proceedings of the 2021 Conference on Empirical Methods in Natural Language Processing*. EMNLP 2021. Online and Punta Cana, Dominican Republic: Association for Computational Linguistics, pp. 2941–2963.

Hoover, Jacob Louis (2021). "Accounting for Variation in Number Agreement in Icelandic Dative-Nominative Constructions". In: *Proceedings of the 38th West Coast Conference on Formal Linguistics*. WCCFL38. Ed. by Rachel Soo, Una Y. Chow, and Sander Nederveen. Somerville, Mass., USA: Cascadilla Proceedings Project, pp. 231–241.

Languages

English	Native
Estonian	Intermediate (2½ years living and working in Estonia: ~ CEF level B2)
French	Intermediate (~ B1)
Japanese	Novice (two years' university study, at this point rather atrophied)

Russian, Spanish   Basic knowledge

Programming languages: Clojure, Java, Julia, Python, R

Ballet career

2018–pres.	I retired from full-time dancing in 2018, when I began my graduate study at McGill, but I have continued with occasional appearances as a freelancer and as a guest artist including with Festival Ballet Providence, RI, and Robinson Ballet in Bangor, ME.
2008–2018	Trained as a ballet dancer at Walnut Hill School and Miami City Ballet School. I worked full-time as professional dancer from 2008 until 2018. I danced soloist roles when at **José Mateo Ballet Theatre** in Cambridge, MA, (2008–2012) and principal roles when at the **Vanemuine Theatre** in Tartu, Estonia (2013–2015), and was a company dancer for **Festival Ballet** in Providence, RI (2015–2018).