

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), <i>cum laude</i> , Harvard University Extension School Field of Study: Mathematics Minor: Linguistics

Research

2020	Accounting for variation in number agreement in Icelandic dative–nominative constructions. Proceedings of WCCFL 38, Vancouver, BC. Cascadia Press. In press.
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Works in progress

- **Predictability and Linguistic Dependencies** (PhD comprehensive exam project): Using pretrained contextual embedding networks to compare statistical dependency with syntactic dependencies. Committee: Timothy J. O'Donnell, Martina Martinović, and Alessandro Sordoni (Microsoft Research).
- **Estonian indefinites in fragment answers: from something to nothing**: Project documenting a semantic puzzle about Estonian indefinites formed from wh-words, which may be interpreted as either a positive existential or a negative when uttered elliptically.

Teaching

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

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

Community

2020–present	Graduate student representative, McGill Linguistics Department
2019–present	Vice President, Academic, GLAM , Graduate Linguistics Association of McGill Founding member, EARTH-LING , McGill Linguistics department environmental working group
2018–present	Graduate student member, MCQLL , Montreal Computational and Quantitative Linguistics Lab

Reviewing: CogSci 2021, CoNLL 2020

Languages

Native	English
Intermediate	Estonian (2½ years living and working in Estonia: ~ CEF level B2)
Novice	Japanese (two years' university study)
Basic knowledge	Russian, Spanish, French

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

Ballet career

2018–present	I retired from full-time dancing in 2018, when I began my graduate study at McGill, but I have continued with occasional appearances as guest artist 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).