Jacob Louis HOOVER

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Education

Degree study

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 | GPA: 3.92 Awards: - Reginald H. Phelps Prize (awarded to top three in graduating class) - Dean's list Academic Achievement Award (each year)

Summer schools

SUMMER 2019	**ESSLLI — 31st European Summer School in Logic, Language and Information** | RÄ«ga, Latvia
SUMMER 2018	**2nd Crete Summer School of Linguistics** | Rethymnon, Greece
SUMMER 2017	**LSA 2017 Linguistic Institute** | Lexington, KY courses for grade: Combinatory Categorial Grammar (Prof. Mark Steedman), Computational Linguistics (Prof. Sandra KÃ¼bler), Phonology (Prof. Adam Albright)
SUMMER 2016	**ESSLLI — 28th European Summer School in Logic, Language and Information** | Bolzano, Italy **NY – St. Petersburg Institute of Linguistics, Cognition and Culture** | St. Petersburg, Russia short 'internship' with Prof. Sabine Iatridou (MIT) on the syntax of coördination.

Courses outside of program

SPRING 2017	**Boston College** MATH 4480 Mathematical Logic course (Prof. Robert Reed)
FALL 2016	**Brown University** CLPS 1830, Grammar and Processing of Ellipsis seminar (Prof. Pauline Jacobson) **MIT** 24.902, Syntax course (Prof. David Pesetsky)
FALL 2013	**University of Maryland, College Park**'s Exploring Quantum Physics | online certificate (Coursera) **BerkeleyX** CS191x: Quantum Mechanics and Quantum Computation | online certificate (EdX)

Research

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

Works in progress

- **Predictability and Linguistic Dependencies** (PhD comprehensive exam project): Using pretrained contextual embedding networks to compare the structure of prediction with syntactic dependency structures. Committee: Timothy J, O'Donnell, Martina Martinović, and Alessandro Sordoni (Microsoft Research).

- **Estonian indefites 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.

Undergraduate research assistantships

FALL 2013	Research assistant for Rama Novogradsky (**BU, Harvard Snedeker Lab**)
	Project studying children's early syntactic development. Helped code and interpret data.
	Research assistant for Maria Polinsky (**Harvard Polinsky Lab**)
	Helped with coding data in an experiment that looked at the efficacy of different transcription methods.
FALL 2009	Research assistant for Michael Becker and Andrew Nevins (**Harvard**)
	Research project on English nouns studying voicing assimilation in forming the plural. Helped in preparing and running experiments, recruiting participants, interpreting and writing up data, and analysis.
2006–2007	Research assistant for Michael Becker and Andrew Nevins (**Harvard**)
	Project on voicing assimilation in Turkish nouns forming the accusative case. Helped organize contacting/soliciting participants (Turkish speakers), and gave them the survey of wugs determining whether they accepted voicing assimilation.

Teaching

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)

Awards

2020	**Microsoft Research-Mila Collaboration Grant**, supervised 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

Reviewer: CoNLL 2020

Languages

Native	English
Intermediate	Estonian (2 1/2 years living and working in Estonia: ~ CEF level B2)
Novice	Japanese (two years' university study)
Basic knowledge	Russian, Spanish, French

Programming languages: C, Clojure, Java, 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 in the US 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 performed as a company dancer for Festival Ballet in Providence, RI (2015–2018).