

RE: Fully Funded Master's in Natural Language Processing / Computational Linguistics

Are you interested in a fully-funded Master's to make language technology more equitable and accessible? OntarioTech University's Lee Language Lab in Canada is exploring language diversity and multilinguality. For instance, Google Translate fails at translating, "How to prevent COVID-19?" from English to Yoruba "How to make obstacle for COVID-19". How can we expand language models to include more languages than just English? When can similarity between languages be leveraged? What can be done to improve the data quality for other languages?

Applicants are invited for a 2-year fully funded Master's position at the intersection of Natural Language Processing (NLP) / Computational Linguistics, and Machine Learning, with Human-Computer Interaction, and Language Education. The position welcomes those with a bachelor's degree in computer science, software or computer engineering, information science, computational linguistics, artificial intelligence, or a related area. Successful applicants should have a strong foundation in mathematics and statistics with the ability to code and debug in Python. The applicant would ideally have experience in, or familiarity with concepts from, natural language processing, machine learning, and deep learning. However, applicants from the social sciences and humanities field are also welcome to apply and should have experience in creating desktop or mobile interfaces.

This Master's position offers an unique opportunity to hone highly desirable skills in machine learning and acquire valuable research experience in an international environment. You will collaborate with experienced experts in the field, participate in our invited speaker series, attend top conferences virtually in the world, and be mentored via world-class training material. This groundbreaking research will set the stage for fair and equitable language access, driving transformation towards multiculturalism and diversity.

Ontario Tech University (University of Ontario Institute of Technology) is located in Oshawa outside of [Toronto, one of the AI technology centers in the world](#). Canada's open-door immigration policy has made Toronto one of the most multicultural cities in the world, drawing [leading AI companies and researchers](#). This modern 20-year-old technology research institution is the [number 1 Undergraduate Research University in Canada](#) with priorities in "Tech with a Conscience" and "Learning Re-Imagined". The computer science program boasts specialized research courses with technical labs and highly motivated trainees ([Go Girls!](#)).

Please direct questions to annie.lee@ontariotechu.ca (with the subject line containing "TORONTO" backward) and/or help me learn about your thought process by filling in this form <https://forms.gle/GX4BhNMJWamooaR97>

Please apply at

https://gradstudies.ontariotechu.ca/future_students/application_process_and_requirement/step%204/index.php

Google: "ontario tech school of graduate apply online"

For assistance please email gradapps@ouac.on.ca

Deadline:

- For a September 2024 start date (apply to Winter 2025 and we will move over)
 - IMMEDIATELY for international applicants and
 - May 1st 2024 for Domestic/Canadian applicants.
- For a January 2025 start date, the deadline is
 - July 12, 2024 for International applicants and
 - September 3, 2024 for Domestic/Canadian applicants.

EDI Statement: We encourage applications from all interested students including women, racialized people, Indigenous peoples, LGBTQ2S+ people, and persons with disabilities. The lab aims to provide a supportive and welcoming environment for all students, staff, and faculty. We pledge to follow the ACM Code of Ethics and Professional Standards which defines the ethical principles that guide our research as well as our professional responsibilities. Diversity and inclusion are both values that underpin our lab culture as well as our day-to-day work and interactions.