The Department of Computer Science in the Faculty of Arts & Science and the Edward S. Rogers Sr. Department of Electrical & Computer Engineering in the Faculty of Applied Science & Engineering at the University of Toronto invite applications for a joint full-time tenure stream position in the area of Machine Learning. The successful candidate’s primary department will depend upon their field of expertise. The appointment will be at the rank of Assistant Professor, and will commence on July 1, 2020, or shortly thereafter.

Applicants must have a Ph.D. in Computer Science or Electrical and Computer Engineering, or a related field by the time of appointment or shortly thereafter, with a demonstrated record of excellence in research and teaching. We seek applications from candidates with expertise in deep learning with a focus on applications to one or more engineering research themes, such as but not limited to, data analytics and intelligent systems, sustainability and engineering, and systems and human health. We seek candidates whose research and teaching interests compliment and strengthen our existing departmental strengths in the Department of Computer Science and the Department of Electrical & Computer Engineering. The successful candidate will be expected to initiate and lead an outstanding, innovative, independent, competitive, and externally funded research program of international calibre, and to teach at both the undergraduate and graduate levels.

Evidence of excellence in research will be demonstrated primarily by publications or forthcoming publications in leading journals or conferences in the field, the submitted research statement, presentations at significant conferences, awards and accolades, and strong endorsements by referees of high international standing.

Evidence of excellence in teaching will be provided through the teaching dossier submitted as part of the application to include a teaching philosophy statement, a summary of teaching experience, interests, and accomplishments, sample course materials, and teaching evaluations or other evidence of superior performance in teaching-related activities, as well as strong endorsements by referees. Other teaching-related activities can include performance as a teaching assistant or course instructor, experience leading successful workshops or seminars, student mentorship, or excellent conference presentations or posters.

The candidate will also be reviewed by the Vector Institute for Artificial Intelligence for consideration of appointment as a Faculty Member or Affiliate Faculty Member, and may be nominated for a Canada CIFAR AI Chair through the Vector Institute.

Eligibility and willingness to register as a Professional Engineer in Ontario is highly desirable.

Salary will be commensurate with qualifications and experience.

The Department of Computer Science and the Edward S. Rogers Sr. Department of Electrical and Computer Engineering at the University of Toronto rank among the best in North America. Both Departments attract outstanding students, have excellent facilities, and are ideally located in the middle of a vibrant, artistic, diverse and cosmopolitan city. Additional information may be found
Concurrent with this search, the University of Toronto is undertaking a series of hires in the area of Deep Learning in recognition of University Professor Emeritus Geoffrey Hinton's winning of the prestigious A.M. Turing Award in 2019. These searches are in the Department of Computer Science, and joint between the Department of Computer Science and the Edward S. Rogers Sr. Department of Electrical & Computer Engineering, and joint between the Department of Computer Science and the Department of Laboratory Medicine and Pathobiology.

Application material for the position must be submitted online through AcademicJobsOnline, https://academicjobsonline.org/ajo/jobs/15432. It must include a cover letter, a curriculum vitae, a statement outlining previous and current research and future research plans, and up to three representative publications, as well as a teaching dossier to include a teaching philosophy statement, a summary of teaching experience, interests, and accomplishments, sample course materials, teaching evaluations or evidence of superior performance in other teaching-related activities as listed above, and at least three letters of reference (on letterhead, signed and scanned) uploaded to AcademicJobsOnline directly by the writers. It is your responsibility to make sure your referees upload the letters while the position remains open. Review of applications will begin on January 7, 2020, however, the position will remain open until January 30, 2020.

If you have any questions about this position, please contact Sara Burns at recruit@cs.toronto.edu.

The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from racialized persons / persons of colour, women, Indigenous / Aboriginal People of North America, persons with disabilities, LGBTQ persons, and others who may contribute to the further diversification of ideas.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.