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 with a focus on Deep Learning. The successful candidate’s primary department will depend upon their field of expertise. The appointment will be at the rank of Associate Professor or Professor, and will commence on July 1, 2021, or shortly thereafter.

Applicants must have a Ph.D. in Computer Science or Electrical and Computer Engineering, or a related field, with a demonstrated exceptional 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 complement and strengthen our existing departmental strengths in the Department of Computer Science and the Department of Electrical & Computer Engineering. The successful candidate will have an established international reputation and will be expected to sustain 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, at the highest international levels, will be demonstrated by highly original research with significant impact, a sustained record of contributions and publications in top-ranked journals or conferences meeting high international standards, a compelling research statement, distinguished awards and accolades, and strong endorsements by referees of top international stature.

Evidence of excellence in teaching will be demonstrated by strong communication skills and a teaching dossier submitted as part of the application to include: a compelling teaching philosophy statement highlighting teaching experience, areas of interest, awards and accomplishments, and also including sample syllabi and teaching evaluations. Experiences that can positively impact the ability to teach a diverse student body are highly valued.

At the University of Toronto, the creation of an equitable, diverse, and inclusive community is incumbent on every member of the community (see https://tinyurl.com/UofTEDI). Evidence of a commitment to equity, diversity, inclusion (EDI), and the promotion of a respectful and collegial learning and working environment will weigh favourably on the application. Such evidence may be demonstrated through the application materials, or in a separate statement covering topics such as (but not limited to): research or teaching that incorporates a focus on underrepresented communities, the development of inclusive pedagogies, or the mentoring of students from underrepresented groups.
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 and rank will be commensurate with qualifications and experience, and is competitive with our North American peers.

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.

Application materials for the position must be submitted online through AcademicJobsOnline at https://academicjobsonline.org/ajo/jobs/17703. The application must include: the candidate’s curriculum vitae, a list of publications, research statement, teaching dossier, and at least three letters of reference (on letterhead, signed and scanned) uploaded to AcademicJobsOnline directly by the writers.

For more information about this position please see our websites (www.cs.toronto.edu, www.ece.toronto.edu, vectorinstitute.ai) or contact recruit@cs.toronto.edu.

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 one of the most vibrant, artistic, diverse and cosmopolitan cities in the world. Additional information may be found at http://www.cs.utoronto.ca and http://www.ece.utoronto.ca.

Review of applications will begin on January 13, 2021; however, the position will remain open until January 28, 2021.

**Caution:** This ad is “posted only” to the U of T faculty job board. Please see the information above for the application instructions. Applications submitted via the U of T platform will NOT be considered for this position.

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.