



McGill

Faculty of Engineering

Faculty of Science

Tenure-track positions in AI and Machine Learning at McGill University (School of Computer Science and Department of Electrical & Computer Engineering)

The Department of Electrical & Computer Engineering and the School of Computer Science of McGill University, Montreal, invite applications for five tenure-track appointments at all ranks, to begin on August 1st, 2019.

We are searching for candidates with expertise in artificial intelligence/machine learning having a strong publication record in top AI/ML journals and conferences and/or related publication venues. The ideal candidates will additionally have expertise in one or more of the following domains:

- Theoretical Approaches of Artificial Intelligence
- Computer Platforms, Computer Systems and/or Programming Language Support for AI
- Machine Learning applied to Computer Vision or Robotics
- Secure/Private, Robust, and Reliable AI
- Applications of AI and ML to Electrical, Computer, and Software Engineering

The successful candidates will be expected to conduct high-quality research and secure competitive external funding, teach to a diverse and talented student body and provide service to the University, the profession and society at large.

Outstanding candidates may be eligible to receive a CIFAR Chair in AI (<https://www.cifar.ca/ai/pan-canadian-artificial-intelligence-strategy>), depending on their research profile. The successful candidate who satisfies the eligibility conditions of the Canada Research Chair program may be supported by the University for nomination to a Tier 2 Chair.

Montreal is home to a very active AI community, including university-led institutes such as MILA that received considerable federal funding, industry-led AI research groups (Google, Facebook, Microsoft, Samsung, Borealis, Thales, and several more), as well as a thriving AI startup community. Montreal is a historic and cosmopolitan city, home to no less than six universities, and considered one of the best cities for students.

McGill University is among the top research intensive academic institutions in Canada and has been consistently ranked in the top universities worldwide in a number of recent surveys. McGill offers a collegial environment with opportunities for interaction with world-class researchers in machine learning, robotics, social data science, bioinformatics, natural language processing,

theory, big data systems, communications, microelectronics and computer systems, software engineering and systems and control.

Candidates should have or soon expect a Ph.D. Successful candidates will be appointed to either the School of Computer Science or the Department of Electrical & Computer Engineering. Joint appointments to both CS and ECE may be considered. For appointment in the Department of Electrical and Computer Engineering, a first degree in electrical, computer or software engineering is preferred, and membership or eligibility for membership in a Canadian professional engineering association is required.

For more detailed information and to apply, please consult our website at: <http://hiring.cs-ece.mcgill.ca/>

The selection process will begin December 18, 2018, and continue until the positions are filled.

McGill University hires on the basis of merit and is strongly committed to equity and diversity within its community. We welcome and encourage applications from racialized persons/visible minorities, women, Indigenous persons, persons with disabilities, ethnic minorities, and persons of minority sexual orientations and gender identities, as well as from all qualified candidates with the skills and knowledge to productively engage with diverse communities.

McGill further recognizes and fairly considers the impact of leaves (e.g., family care or health-related) that may contribute to career interruptions or slowdowns. Candidates are encouraged to signal any leave that affected productivity, may have had an effect on their career path. This information will be considered to ensure the equitable assessment of the candidate's record.

McGill implements an employment equity program and encourages members of designated equity groups to self-identify. It further seeks to ensure the equitable treatment and full inclusion of persons with disabilities by striving for the implementation of universal design principles transversally, across all facets of the University community, and through accommodation policies and procedures. Persons with disabilities who anticipate needing accommodations for any part of the application process may contact, in confidence, Professor Angela Campbell, Associate Provost (Equity and Academic Policies) by email or phone at 514-398-1660.

All qualified applicants are encouraged to apply; however, in accordance with Canadian immigration requirements, Canadians and permanent residents will be given priority