The Department of Electrical and Computer Engineering at McGill University invites applications for a tenure-track position at all ranks. McGill University is among the top research-intensive academic institutions in Canada and is consistently ranked in the top universities worldwide. Successful candidates will play leading roles in maintaining McGill’s international reputation of excellence in research, teaching and service.

We are particularly interested in the following areas:

- Applications of ML Approaches to Engineering Sciences including, but not limited to:
  - Robotics, Sim2Real, Policy Design and Applications of Reinforcement Learning
  - Computer Vision, Imaging and Multi-modal Understanding
- Systems-oriented ML and AI
- Secure, Reliable and Ethical AI

The Department has strong research activities in communications, computational electromagnetics, electronic materials and devices, microelectronics and computer systems, computer graphics and digital media, nanotechnology, artificial intelligence, human-computer interfaces, photonic devices and systems, power engineering, software engineering and systems and control. Excellent candidates in these will also be considered.

Candidates will be considered for membership at the Montreal Institute for Learning Algorithms (MILA) and for nomination to a prestigious CIFAR AI Chair position.

Montreal’s rapidly growing AI ecosystem combines leading academic institutions – including the inter-university MILA institute – with strong research-oriented industrial labs: Google Brain, Deepmind, Facebook Artificial Intelligence, Microsoft Research, Samsung AI, Element AI, Imagia, McKinsey’s Quantum Black and Borealis AI are among many companies to have launched large AI-oriented research labs in Montreal. Many McGill faculty maintain strong collaborations with these institutions.

The Department is committed to excellence in teaching in its undergraduate and graduate programs in Electrical, Computer and Software Engineering and values service contributions of its Faculty members to the University, the profession and society at large.

Candidates should have or soon expect a Ph.D., preferably with a first (i.e., undergraduate) degree in electrical, computer or software engineering. Evidence of outstanding research achievements is indispensable. Preferred qualifications include dedication to an environment that supports diversity of population and perspectives; as our students come from a wide range of disciplines, cultures, and backgrounds, we invite candidates to address in their application their ability to teach, supervise, and mentor in this context. The successful candidate will have a strong commitment to the mission of the University, through outstanding activities in the areas of research, teaching and service.

Membership or eligibility for membership in a Canadian professional engineering association is required.

Applications will be reviewed starting on December 1st, 2019 and will continue until the position is filled. Interested candidates should submit applications which include their résumé, a statement of teaching and
research interests, names and addresses of three referees and copies of up to three recent publications to

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Fax.: 514-398-4470 or by email to chair.ece@mcgill.ca
www.mcgill.ca/ece

McGill University is committed to equity and diversity within its community and values academic rigour and excellence. 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 engage productively with diverse communities.

At McGill, research that reflects diverse intellectual traditions, methodologies, and modes of dissemination and translation is valued and encouraged. Candidates are invited to demonstrate their research impact both within and across academic disciplines and in other sectors, such as government, communities, or industry.

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, or that 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, this email or phone at 514-398-2477.

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

Please reference the source of the ad when applying for, or enquiring about, this job announcement.