Faculty Positions in Machine Learning and Intelligent Systems, The University of Alberta, School of Electrical and Computer Engineering, Canada.

Description

Job Title: Faculty Positions in Machine Learning and Intelligent Systems
Department: Electrical and Computer Engineering
Competition No.: - A104038098
Closing Date : Will remain open until filled.
Location:The University of Alberta

Description
The Department of Electrical and Computer Engineering at the University of Alberta is seeking applications for tenure-track or tenured faculty positions in Machine Learning, Artificial Intelligence Systems, and Intelligent Systems at the Assistant, Associate, or Full Professor levels. Exceptional candidates with demonstrated expertise and continuing interest in machine learning may be considered for an appointment under the Canada CIFAR Artificial Intelligence (CCAI) Chairs Program (cifar.ca/ai/pan-canadian-artificial-intelligence-strategy) in concert with the Alberta Machine Intelligence Institute (amii.ca).

Applications are invited from candidates with demonstrated impact, originality, and continued promise in areas related to machine learning and intelligent systems as evidenced by the quality of their scientific contributions and their short- and long-term research goals. Successful candidates will be expected to supervise graduate students and must also demonstrate commitment to teaching in their fields of expertise at the undergraduate and graduate level.

Job Detail:
This call for applications is part of a continuing thrust at the University of Alberta to expand upon our world-recognized expertise in machine learning and artificial intelligence. The Department of Electrical and Computer Engineering and the Department of Computing Science are home to world-renowned scholars in machine learning and computational intelligence, and we are continuing to grow our infrastructure and industrial partnerships in these areas.

To support this growth within the university and surrounding community, the Government of Canada recently committed $2.5 million to fund a supercomputing facility within the Faculty of Engineering to aid small-to-medium enterprises in developing AI-based solutions for a variety of industries. Other notable facilities and affiliated institutes include the ACTIVE-AURORA connected-vehicle testbed, the Future Smart Grid Technologies Laboratory, and the Alberta Machine Intelligence Institute (Amii).

As we build our team, the ECE Department recognizes that our people are and will continue to be our greatest strength. We celebrate creativity, diversity, perseverance, and a cooperative spirit. We recognize the importance of academic excellence in conjunction with work/life balance, interdisciplinary collaborative research, mentorship and a collegial atmosphere. We encourage individuals to strive for excellence in accordance with their abilities while maintaining a level of balance between teaching, research, and service to the university and the engineering profession.

Candidates must have earned a PhD in computer engineering, electrical engineering, or a closely related area. Hiring preference will be given to candidates with impactful publications in high-quality, reputable, peer-reviewed journals, conferences, books and book chapters. In addition, preference will be given to candidates providing evidence of established and respected teaching skills, and who have a demonstrated record of service at the departmental, institutional, national, and/or international levels. Successful candidates will also be required in due course within six years to become licensed professional engineers in the Province of Alberta.

Interested candidates are invited to apply online at
www01.engineering.ualberta.ca/engg/public.php/careers/apply/5

To assist the University in complying with mandatory reporting requirements of the Immigration and Refugee Protection Act (R203 (3) (e)), applicants will be asked to include the first digit of their Canadian Social Insurance Number on this form. If you do not have a Canadian Social Insurance Number please indicate this in your application.

All qualified candidates are encouraged to apply, however, Canadians and permanent residents will be given priority. The University of Alberta is committed to an equitable, diverse, and inclusive workforce. We welcome applications from all qualified persons. We encourage women, First Nations, Métis and Inuit persons, members of

visible minority groups, persons with disabilities, persons of any sexual orientation or gender identity and expression, and all those who may contribute to the further diversification of ideas and the University to apply.

Review of applications

will commence on March 1, 2019. The competition will remain open until the positions are filled. We thank all applicants for their interest, however only those selected for further screening will be contacted.

The Department has excellent teaching and research programs and a strong relationship with the Department of Computing Science. Nearing 60 faculty members, including many award-winning researchers and teachers, and with world-class facilities and diverse research and education programs, we are one of the top five ECE departments in Canada.

Home to over one million people, the greater Edmonton area offers all the amenities of a large urban centre while maintaining a friendly atmosphere. In addition to a vibrant start-up ecosystem, notable companies in Edmonton include Google Deepmind, IBM, and Electronic Arts/BioWare. As the capital city in Alberta, Edmonton is also headquarters to a number of government agencies. Edmonton hosts a thriving arts and festival scene with a variety of family activities, a vast array of sports and fitness opportunities, one of North America's largest stretch of urban parkland, and top-ranked health care services.

We invite those interested in this opportunity to investigate the following links for additional information about the ECE Department (ece.engineering.ualberta.ca), the University of Alberta (ualberta.ca), and the City of Edmonton (edmonton.ca).