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Faculty Positions

Positions posted here are for Academic Administrator, Tenure, Teaching Stream and Limited-Term Appointments of one year or longer. For academic positions of less than one year, please review our or [contract academic staff postings](#) [contact the hiring department directly](#).

Prior to submitting an application, [please review what you need to know before applying for a faculty position](#).

Job Description

Assistant Professor – Machine Learning / Artificial Intelligence / Operations Research - 1804145

Job Field Tenure Stream

Faculty / Division: Faculty of Applied Science and Engineering

Department Mechanical & Industrial Engineering

Campus St. George (downtown Toronto)

Job Posting Sep 27, 2018

Job Closing Nov 20, 2018 11:59pm EST.

Description

The Department of Mechanical & Industrial Engineering at the University of Toronto invites applications for one full-time, tenure-stream faculty position in the area of data-driven Industrial Engineering at the rank of Assistant Professor, starting July 1, 2019.

Candidates must have a PhD in industrial engineering, operations research, computer science, or a related discipline by date of appointment or shortly thereafter. We seek candidates who demonstrate research excellence in the development and application of Machine Learning (ML) and Artificial Intelligence (AI) methodologies for Operations Research (OR). An emphasis will be placed on the demonstrated ability to contribute to international scholarship, graduate student supervision, and undergraduate teaching in both AI/ML and OR. It is preferred that candidates have an undergraduate degree in engineering and be eligible for registration as a Professional Engineer.

We seek candidates whose research and teaching interests complement and strengthen our existing [departmental strengths](#). The successful candidate will be expected to pursue innovative and independent research at the highest international level and to establish an outstanding, competitive, and externally funded research program. The successful candidate will be involved in undergraduate and graduate teaching, research, and departmental service. Evidence of excellence in research and teaching are required.

The successful candidate must provide evidence of excellence in research, primarily by the quality of published papers in top-ranked and field relevant journals, or a research pipeline that is at high international levels, the submitted research statement, and strong letters of reference from referees of high standing. Further evidence of research excellence can be demonstrated by participation in top conferences, awards and accolades, presenting research at other highly ranked schools, and other noteworthy activities in engineering that contribute to the visibility and prominence of the discipline.

Excellence in teaching should be demonstrated by a strong statement of teaching philosophy, excellent teaching evaluations, strong endorsements from referees, and the teaching dossier submitted as part of the application.-

Salary will be commensurate with qualifications and experience.

Established in 1827, the University of Toronto is Canada's largest university, recognized as a global leader in research and teaching. U of T's distinguished faculty, institutional record of groundbreaking scholarship and wealth of innovative academic opportunities continually attract outstanding students and academics from around the world. The Department of Mechanical & Industrial Engineering at the University of Toronto is home to the top mechanical and industrial engineering programs in Canada. We foster a world-class environment that excels in teaching, learning and research.

All qualified candidates are invited to apply by clicking on the link below. Applications must include a cover letter, curriculum vitae, teaching dossier (including a statement of teaching philosophy, and teaching evaluations), and a statement outlining current and future research interests. If you have questions about this position, please contact chair@mie.utoronto.ca. All application materials must be submitted online by the closing date of November 20, 2018.

Submission guidelines can be found at: <http://uoft.me/how-to-apply>. We recommend combining attached documents into one or two files in PDF or MS Word format.

Applicants should also ask three referees to send letters (on letterhead and signed) directly to the department via e-mail to chair@mie.utoronto.ca by the closing date, November 20, 2018.

For more information on the University of Toronto, and the Department of Mechanical & Industrial Engineering, please visit our website: <http://www.mie.utoronto.ca>

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.-

As part of your application, you will be asked to complete a brief Diversity Survey. This survey is voluntary. Any information directly related to you is confidential and cannot be accessed by search committees or human resources staff. Results will be aggregated for institutional planning purposes. For more information, please see http://uoft.me/UP_

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