

Faculty Opening in Information Systems / Data Science / Machine Learning

The Department of Management Science and Engineering in the Faculty of Engineering at the University of Waterloo invites applications for one tenure-track faculty position at the rank of Assistant Professor to join our department with an anticipated start date of July 1, 2024. In the case of an exceptional candidate, an appointment at the rank of Associate Professor or Full Professor will be considered.

Applicants should hold a PhD or be near completion of their doctorate and have demonstrated research and teaching potential in computer science, information systems, or related fields. The successful applicant is required to have an engineering license for practice (full) or teaching (limited) in Canada, or to apply for a Canadian engineering license within the first year of joining the University. Due to program accreditation requirements, all new faculty members are required to obtain the license within five years of initial appointment at the University of Waterloo, and maintain it during their employment at the University.

We seek individuals with research and teaching interests at the interface of Information Systems (IS), Data Science, and Machine Learning. In particular, we seek applicants with experience and interest in large-scale data-intensive systems, or other applicable areas, with an emphasis on solving real-world problems using cutting-edge methods. In addition to typical introductory computer science courses, the successful applicant will be expected to be able to teach undergraduate and graduate courses in areas such as data systems, machine learning, deep learning, and software engineering.

Successful applicants are expected to maintain an active program of research, to attract and supervise graduate and undergraduate students, and to participate in undergraduate and graduate teaching. The salary range at the rank of Assistant or Associate Professor is CAD \$120,000 to \$160,000. Negotiations beyond this salary range will be considered for exceptionally qualified candidates.

Management Science and Engineering is a dynamic and growing interdisciplinary department in the Faculty of Engineering that has active research and teaching activities in Information Systems, Operations Research, and Management of Technology. The Department offers an undergraduate degree in Management Engineering, as well as master's and PhD programs in Management Science and Engineering.

Applications should be submitted electronically at: <https://ofas.uwaterloo.ca>

A cover letter, curriculum vitae, research vision statement, teaching vision statement (teaching evaluations if available), a diversity statement, up to four sample publications, and the contact information for at least 3 individuals who will be called upon to provide letters of reference. Your diversity statement should explain the ways that you have addressed equity, diversity, and inclusion (EDI) in your research and teaching, or steps that you have taken to prepare yourself to supervise graduate students and teach with EDI as a primary concern (as an example, consider the following NSERC guide (https://www.nserc-crsng.gc.ca/doc/EDI/Guide_for_Applicants_EN.pdf)).

Applications received by December 15, 2023 will be given full consideration. However, applications will continue to be reviewed until the position is filled.

The University of Waterloo acknowledges that much of our work takes place on the traditional territory of the Neutral, Anishinaabeg and Haudenosaunee peoples. Our main campus is situated on the Haldimand Tract, the land granted to the Six Nations that includes six miles on each side of the Grand River. Our active work toward reconciliation takes place across our campuses through research, learning, teaching, and community building, and is centralized within our Indigenous Initiatives Office (<https://uwaterloo.ca/human-rights-equity-inclusion/indigenousinitiatives>).

The University values the diverse and intersectional identities of its students, faculty, and staff. The University regards equity and diversity as an integral part of academic excellence and is committed to accessibility for all employees. The University of Waterloo seeks applicants who embrace our values of equity, anti-racism and

inclusion. As such, we encourage applications from candidates who have been historically disadvantaged and marginalized, including applicants who identify as Indigenous peoples (e.g., First Nations, Métis, Inuit/Inuk), Black, racialized, people with disabilities, women and/or 2SLGBTQ+.

The University of Waterloo is committed to accessibility for persons with disabilities. If you have any application, interview, or workplace accommodation requests, or if you have any questions regarding the position, the application process, the assessment process, or eligibility, please contact Heidi Janssen at heidi@uwaterloo.ca.

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

Three reasons to apply: <https://uwaterloo.ca/faculty-association/why-waterloo>.

