Assistant Professor – Security Systems (Computer Science)

The Department of Mathematical and Computational Sciences at the University of Toronto Mississauga (UTM) invites applications for a full-time tenure stream appointment in the area of Computer Security with a focus on Software Security or Cryptopgraphy. The appointment will be at the rank of Assistant Professor and will commence on July 1, 2023 or shortly thereafter.

Candidates must have earned a Ph.D. in Computer Science or a related area by the time of appointment, or shortly thereafter, with a demonstrated record of excellence in research and teaching. We seek exceptional candidates whose research and teaching interests complement and enhance our existing departmental strengths. The successful candidate will be a member of the tri-campus graduate Department of Computer Science at the University of Toronto (https://www.cs.toronto.edu).

The successful candidate will be expected to pursue innovative research at the highest international level; to establish an outstanding, competitive, and externally funded independent research program; to contribute to the enrichment of both undergraduate and graduate programs in the department; and to participate in service and leadership within the academic community.

Candidates must provide evidence of excellence in research which can be demonstrated by a record of contributions and publications in top-ranked field-relevant journals or conferences, or forthcoming publications meeting high international standards, the submitted research statement, presentations at significant conferences, awards and accolades, and strong endorsements by referees of top international stature.

Candidates will also be expected to demonstrate excellence in teaching at the undergraduate and graduate levels through a teaching statement highlighting previous experience that can include leading successful workshops or seminars, student mentorship, delivering conference presentations or posters, or experience as a teaching assistant or course instructor. Excellence in teaching may also be demonstrated through materials such as sample course syllabi (either of courses delivered by the candidate or planned for the future), course evaluations, or other evidence of superior performance in teaching-related activities submitted as part of the application. Professional or lived experiences that enhance the ability to teach a diverse student body are highly valued.

At UTM we are committed to fostering an environment of diversity and inclusion. With an enviable diverse student body, we especially welcome applications from candidates who identify as Indigenous, Black, or racially visible (persons of colour), and who have experience working with, teaching or mentoring diverse groups or students. Candidates must demonstrate, in their application

materials, an ability to foster diversity on campus and within the curriculum or discipline, and must show evidence of a commitment to equity, diversity, inclusion, and the promotion of a respectful and collegial environment. Candidates must submit a statement describing their contributions to equity, diversity, and inclusion, which might cover topics such as (but not limited to): teaching that incorporates a focus on underrepresented communities; efforts undertaken to develop inclusive pedagogies, collaboration, and engagement with underrepresented communities; and mentoring of students from underrepresented groups. If you have questions about this statement, please contact Ilia Binder, Chair.

The University of Toronto is an international leader in Computer Science research and education and offers the opportunity to teach, conduct research, and live in one of the most diverse metropolitan areas in the world. For more information about the tri-campus graduate Department of Computer Science see our website at https://www.cs.toronto.edu.

Salary will be commensurate with qualifications and experience.

Application materials for the position must be submitted online through AcademicJobsOnline at https://academicjobsonline.org/ajo/jobs/23262. The required materials are a cover letter, the candidate's curriculum vitae, list of publications, research statement, teaching statement, and at least three recent letters of reference (on letterhead, signed and scanned) uploaded to AcademicJobsOnline directly by the writers. For enquiries, please contact Julia Martyn, Chair's Assistant.

Review of applications will begin on December 6, 2022, and applicants should endeavour to submit all materials (including reference letters) by this date, however, applications will continue to be accepted until January 9, 2023.