

Assistant Professor in Cybersecurity York University

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Posted Sep. 25, 2025, set to expire Nov. 15, 2025

Job Title	Assistant Professor in Cybersecurity
Department	Electrical Engineering and Computer Science http://lassonde.yorku.ca/eecs
Institution	York University Toronto, Ontario
Date Posted	Sep. 25, 2025
Application Deadline	Nov. 15, 2025
Position Start Date	Jul. 1, 2026
Job Categories	Assistant Professor
Academic Field(s)	Computer Science
Job Website	https://apply.interfolio.com/174016
Apply Online Here	https://apply.interfolio.com/174016

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Job Description

The Department of Electrical Engineering and Computer Science in the Lassonde School of Engineering at York University invites highly qualified applicants for an Assistant Professor position in Cybersecurity. This is a tenure-track appointment to the Professorial Stream to commence July 1, 2026.

We are seeking applicants with research and teaching interests in cybersecurity, broadly defined. While our search is not limited to specific subareas, we are particularly interested in candidates with expertise in one or more of the following areas: OS security, software and systems security, network and web security, usable privacy and security, cyber-physical systems security, hardware security, applied cryptography, malware analysis, privacy engineering, and the security and privacy of AI/ML,

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including the use of AI/ML for security and privacy. Strong applicants working in other cutting-edge or classical areas of cybersecurity are also encouraged to apply. The successful candidate is expected to disseminate their research through significant journals and conferences in the field, and train students in their field of expertise. The successful candidate will receive a competitive salary and start-up package and is expected to establish a highly recognized, externally funded, and independent research program. The position will involve graduate teaching and supervision, as well as undergraduate teaching. The successful candidate is expected to be an effective teacher capable of teaching in both online and in-person settings as needed.

The [Department of Electrical Engineering and Computer Science](#) at York University is one of the foremost academic and research departments in Canada with more than 80 fulltime faculty members and offers a range of undergraduate programs and research-intensive graduate degrees. Established in 2012, the [Lassonde School of Engineering](#), York University offers a broad range of undergraduate and graduate programs to educate multidisciplinary problem solvers, critical thinkers, and entrepreneurs who understand creativity, communications, social responsibility, and cultural diversity.

Candidate Qualifications:

- **Degree:** A PhD in Computer Security/Cybersecurity, or a closely related field is required, either in hand or near completion by the appointment's start. Undergraduate degrees in Cybersecurity, Computer security, or other closely related majors with a concentration or specialization in these areas will be considered an additional asset.
- **Scholarship:**
 - o A coherent and well-articulated program of research and specialization in one or more areas of Cybersecurity.
 - o A record or evident promise of generating innovative, substantive, rigorous, and as appropriate, externally funded research and/or research creation.
 - o A record of evident promise of making influential contributions and demonstrating excellence in the field (e.g., a research statement, a record of publications or forthcoming publications in significant journals or conferences in the field; awards and accolades; and/or strong recommendations from referees of high standing).
 - o The successful candidate is expected to publish papers in top-tier security, privacy, machine learning, and systems conferences such as the IEEE Symposium on Security and Privacy (S&P), ACM Conference on Computer and Communications Security (CCS), USENIX Security Symposium, Network and Distributed System Security Symposium (NDSS), IEEE Conference on Secure and Trustworthy Machine Learning, International Conference on Machine Learning (ICML), and ACM Symposium on Operating Systems Principles (SOSP), and journals, including IEEE Transactions on Dependable and Secure Computing (TDSC), IEEE Transactions on Information Forensics and Security

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(TIFS), and ACM Transactions on Privacy and Security (TOPS).

• Teaching:

- o A record or evident promise of excellence in teaching and dedication to students (e.g., teaching accomplishments, pedagogical innovations, official student and peer evaluations).
- o Suitability for prompt appointment to the Faculty of Graduate Studies, given that the position will involve graduate teaching and supervision.

Hiring Policies:

- Salary will be commensurate with qualifications and experience.
- All York University positions are subject to budgetary approval.
- York is an Affirmative Action (AA) employer and strongly values diversity, including gender and sexual diversity, in its community. Details of the AA Program, which applies to women, members of racialized groups, Indigenous peoples, persons with disabilities and those who identify as 2SLGBTQ+, can be found [here](#) or by contacting Aqsa Ahmed, EDI Program Manager (aqsa517@yorku.ca).
- York welcomes and employs scholars from all over the world. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.
- York has a policy on [Accommodation in Employment for Persons with Disabilities](#) and is committed to working towards a barrier-free workplace and expanding the accessibility of the workplace to persons with disabilities. Applicants who require accommodation are invited to contact eeecsjoin@yorku.ca.

Application Process:

- Due date for completed applications: **November 15, 2025.**
- Required materials: 1) current CV; 2) a cover letter; 3) a statement of the research program that the applicant would seek to establish at York; 4) a statement outlining their teaching philosophy and contributions to teaching (and curriculum development, if applicable); 5) three sample research publications. Candidates selected for further consideration will be asked to provide contact details for three referees.
- Provide required information regarding your Canadian work status and optional self-identification for Affirmative Action purposes as part of the online application.
- Direct questions about the position to eeecsjoin@yorku.ca.
- **Submit materials: online at <https://apply.interfolio.com/174016>**

Learn More About York:

- York University generates and shares knowledge through our research, teaching and engagement with communities around the world. The [2023-2028 Strategic Research Plan](#) showcases the depth, breadth and ambition of research at York.
- York's commitments to social justice are laid out in our [Decolonizing, Equity, Diversity and Inclusion Strategy](#)

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- , the [Framework & Action Plan on Black Inclusion](#) and the [Indigenous Framework](#) for York University.
- Follow the activities and accomplishments of York's faculty, students and staff on [YFile](#).

York University acknowledges its presence on the traditional territory of many Indigenous Nations. The area known as Tkaronto has been care taken by the Anishinabek Nation, the Haudenosaunee Confederacy, and the Huron-Wendat. It is now home to many First Nation, Inuit and Métis communities. We acknowledge the current treaty holders, the Mississaugas of the Credit First Nation. This territory is subject of the Dish with One Spoon Wampum Belt Covenant, an agreement to peaceably share and care for the Great Lakes region.

EEO/AA Policy

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Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact EECS Search Committee
Dept. of Electrical Engineering and Computer
Science
York University
1012F Lassonde Building
4700 Keele Street
Toronto, ON M3J 1P3
Canada

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