



Assistant Professor in Computer Science (4 Positions)

Department of Electrical Engineering and Computer Science, Lassonde School of Engineering

The Department of Electrical Engineering and Computer Science in the Lassonde School of Engineering at York University invites highly qualified applicants for four (4) Assistant Professor positions in Computer Science. These are tenure-track appointments to the Professorial Stream to commence July 1, 2025.

Recognizing the underrepresentation of women faculty members in many fields, **the positions are open only to qualified individuals who identify as women**. The appointments are part of the University's Affirmative Action program, which is based on the special program provisions of the Ontario Human Rights Code. To be considered, applicants must self-identify as women on the Affirmative Action self-identification form (see below). The successful candidates will be joining a vibrant scholarly community at York, where we aspire to achieve equity and diversity in all areas, including gender equity.

We are seeking applicants with research interests in the broad area of Computer Science. We are particularly interested in areas such as Theoretical Computer Science, Computer Architecture, Operating Systems, Cloud Computing, Blockchain, Software Development, Cybersecurity, Data Science, as well as modern Artificial Intelligence and Machine Learning. Strong applicants working in other cutting-edge or classical areas of Computer Science are also encouraged to apply. The successful candidates are expected to disseminate their research contributions in significant journals and conferences in the field, and train students in their field of expertise. The positions will involve graduate teaching and supervision, as well as undergraduate teaching. The successful candidates are expected to be effective teachers capable of teaching in both online and in-person settings as needed.

York acknowledges the potential impact of various life circumstances (e.g., illness, disability, caregiving, family commitments) on a candidate's record of research and other achievements. Candidates are encouraged to describe such circumstances and their impact in their application. This information will be taken into careful consideration during the assessment process.

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 Science or a closely related field is required, either in hand or near completion by the appointment's start. Undergraduate degrees in Computer Science or closely

related majors with a relevant concentration or specialization will be considered an additional asset.

- **Scholarship:**

- A coherent and well-articulated program of research and specialization in one or more areas of Computer Science.
- A record or evident promise of generating innovative, substantive, rigorous, and as appropriate, externally funded research and/or research creation.
- A record or 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; and/or awards and accolades).

- **Teaching:**

- A record or evident promise of excellence in teaching and dedication to students (e.g., teaching accomplishments, pedagogical innovations, official student and peer evaluations).
- Suitability for prompt appointment to the Faculty of Graduate Studies, given that the positions 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 Christal Chapman, EDI Program Manager (chapman7@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: Complete applications received by **November 15, 2024**, will receive full consideration. We are also holding an information session that candidates, who wish to learn more about working at York and the Lassonde School of Engineering, may attend prior to submitting an application. It is a chance to speak to the Dean of the School and colleagues from the Department of Electrical Engineering and Computer Science. This session will be held on Saturday 26th October at the Annual Canadian Celebration of Women in Computing Conference (CAN-CWiC), which is being held at York University.
- 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 <http://apply.interfolio.com/154287>**

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](#), 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.