

## 2 Tenure Track Assistant or Associate Professor Positions in Computer Science

Located in downtown Toronto, the largest and most culturally diverse city in Canada, [Ryerson University](#), is on the territory of the *Anishinaabeg, Haudenosaunee and the Wendat Peoples* and is known for innovative programs built on the integration of theoretical and practical learning. Our [undergraduate](#) and [graduate](#) programs are distinguished by a professionally focused curriculum with a strong emphasis on excellence in teaching, scholarly research and creative activities. Ryerson aims to reflect the broad intersectional mosaic that is Canada within its teaching body. Ryerson is known for its culture of entrepreneurship and progressive innovation and is recognized as a city builder, as it continues its growth through award-winning architecture and expansion of its campus.

Dedicated to a people first culture, Ryerson is proud to have been selected as one of Canada's Best Diversity Employers and a Greater Toronto's Top Employer. To learn more about our work environment, please visit us on Twitter: [@RyersonU](#), [@RyersonHR](#) and [@RyersonECI](#) and our [LinkedIn company page](#). We invite you to [explore employment at Ryerson](#). Aboriginal candidates who would like to learn more about working at Ryerson are welcome to contact Monica McKay, Director, Aboriginal Initiatives, at [mmckay@ryerson.ca](mailto:mmckay@ryerson.ca).

### The Opportunity

The [Department of Computer Science](#) in the [Faculty of Science](#) at [Ryerson University](#) invites applications for two full-time tenure track positions at the rank of Assistant Professor (currently tenured candidates or those with exceptional industrial experience will be considered for positions at the rank of Associate Professor).

**The first position** will be in the area of Cybersecurity. This position is an integral part of the Department's Strategic Plan to create a world-class graduate research program in this exciting field, to parallel the university's [Cybersecurity Catalyst](#). In executing this plan, the successful applicant will join the present core of six faculty members doing related research. As such, we invite applicants with complementary expertise in relevant areas. The appointment shall be effective July 1, 2020, subject to final budgetary approval.

**The second position** is open to excellent candidates in all areas of computer science. Candidates with research in areas of HCI, robotics, programming languages, and systems are particularly encouraged. The appointment shall be effective July 1, 2020, subject to final budgetary approval.

The Department of Computer Science consists of 24 faculty members, 8 staff, 5 postdoctoral fellows, 44 PhD students, 37 MSc students and approximately 1000 undergraduate students. Our faculty prides itself on the quality, breadth and depth of its research in a Department recognized among the top in Canada. We are also committed to excellence in teaching, including the application and research of novel computer science education pedagogies. We seek a candidate that will augment our existing research and teaching strengths, bringing innovative and diverse perspectives and experiences.

These positions fall under the jurisdiction of the Ryerson Faculty Association (RFA) ([www.rfanet.ca](http://www.rfanet.ca)).

The RFA collective agreement can be viewed [here](#) and a summary of RFA benefits can be found [here](#).

## Equity at Ryerson

At the intersection of mind and action, Ryerson is on a transformative path to become Canada's leading comprehensive innovation university. Integral to this path is the placement of equity, diversity and inclusion as fundamental to our institutional culture. Our current [academic plan](#) outlines each as core values and we work to embed them in all that we do.

Ryerson University welcomes those who have demonstrated a commitment to upholding the values of equity, diversity, and inclusion and will assist us to expand our capacity for diversity in the broadest sense. In addition, to correct the conditions of disadvantage in employment in Canada, we encourage applications from members of groups that have been historically disadvantaged and marginalized, including First Nations, Métis and Inuit peoples, Indigenous peoples of North America, racialized persons, persons with disabilities, and those who identify as women and/or 2SLGBTQ+. As women have been historically under-represented in Computer Science, those who identify as women are particularly encouraged.

The Computer Science department has made a commitment to bringing undergraduate admissions close to gender parity by 2022. Currently the undergraduate population is 20% female, the MSc population is at 45% and the PhD is at 35%.

## Responsibilities

The successful candidate will engage in a combination of teaching, research and service duties, maintaining an inclusive, equitable, and collegial work environment across all activities. Responsibilities will include: pursuing an innovative and independent research program that is externally funded and generates cutting-edge, high quality research; contributing to our undergraduate and graduate programs through teaching, mentoring and supervision of students; contributing to the development of curricula and course design in our graduate and undergraduate programs; and engaging in the life of the Department, Faculty and University through service activities.

## Qualifications

Candidates must hold a Ph.D. in computer science or a closely related field. In addition, the successful candidate must present evidence of:

- an ability to improve the diversity of our department and programs. We are committed to bringing computer science to an equitable gender balance in all of our programs. Currently, of our 24 faculty members, 7 are female, and we aim to bring this close to parity over time;
- strong and emerging scholarly research that is active, innovative and impactful. This can be evidenced by achievements such as peer reviewed publications, book chapters, presentations at significant conferences, awards and accolades;
- excellence in teaching through any combination of a statement of teaching philosophy, a list of teaching accomplishments, including experience with course/curriculum review/development, sample syllabi and teaching evaluations if available;

- strong communication and expository skills and a demonstrated ability to supervise undergraduate and graduate students;
- strong endorsements/recommendations by referees of top international stature;
- commitment to our values of Equity, Diversity, and Inclusion as it pertains to service, teaching, lived experience, and scholarly research or creative activities, including making learning accessible and inclusive for a diverse student population; and
- an ability to contribute to the life of the Department, Faculty and the University through collegial service.

## How to Apply

Applicants must submit their application online via the [Faculty Recruitment Portal](#) (click on “Start Application Process” to begin) by March 27, 2020. Applications will be considered as they arrive and interviews may take place before this date. The application must contain the following:

- a letter of application;
- a curriculum vitae;
- a detailed research plan of no more than 5 pages, in NSERC Discovery Grant format;
- a statement of teaching philosophy and experience, and results of teaching evaluations if available;
- a statement of equity, diversity and inclusion philosophy around your practice and research and teaching methods; and
- names of three individuals who may be contacted for references.

Please note that all qualified candidates are encouraged to apply; however, applications from Canadians and permanent residents will be given priority. **Candidates must therefore indicate in their application if they are a permanent resident or citizen of Canada.**

Any confidential inquiries can be directed to the departmental Chair, Dr. Dave Mason at email [cs.chair@ryerson.ca](mailto:cs.chair@ryerson.ca). We thank applicants in advance for their applications; however only applicants under consideration will be contacted about their candidacy.

Ryerson is committed to [accessibility](#) for persons with disabilities. For any confidential accommodation needs and/or inquiries regarding accessing the Faculty Recruitment Portal, please contact Michelle Gomes, HR Advisor, at [michelle.gomes@ryerson.ca](mailto:michelle.gomes@ryerson.ca)