Tenure Track Position in Computer Science Education

Located in downtown Toronto, the largest and most culturally diverse city in Canada and on the territory of the Anishinaabeg, Haudenosaunee and the Wendat Peoples, the Department of Computer Science in the Faculty of Science at Ryerson University invites applications for a tenure track position at the rank of Assistant Professor, effective August 1, 2021 subject to final budgetary approval. As women have been historically under-represented in Computer Science, applications from those who identify as women are particularly encouraged.

This position will be in the area of Computer Science Education (CSE) and the successful candidate will be assumed to be publishing in venues such as the SIGCSE, ITiCSE and ICCSE conferences or related journals. Candidates may also have publications in other areas of computer science, but the focus in hiring will be on CSE.

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 pedagogy 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.

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;
- 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.

This position falls under the jurisdiction of the Ryerson Faculty Association (RFA) (www.rfanet.ca). The RFA collective agreement can be viewed here and a summary of RFA benefits can be found here.

Ryerson University

Serving a highly diverse student population of over 45,000, with 100+ undergraduate and graduate programs built on the integration of theoretical and practical learning and distinguished by a professionally focussed curriculum with a strong emphasis on excellence in teaching, research and creative activities, Ryerson is a vibrant, urban university known for its culture of innovation, entrepreneurship, community engagement and city-building through its award-winning architecture.
Department of Computer Science

The Department of Computer Science consists of 28 faculty members, 9 staff, 5 postdoctoral fellows, 44 PhD students, 37 MSc students and approximately 1400 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.

The successful candidate will be part of a cluster of new hires focused on science education in the Faculty of Science, and will be supported by several existing faculty in the Department who have published in Computer Science Education, as well as the Centre for Excellence in Learning and Teaching.

We are committed to bringing computer science to an equitable gender balance in all of our programs. Currently, of our 28 faculty members, 10 are female, and we aim to bring this close to parity over time.

The Department of Computer Science has made a commitment to bringing undergraduate admissions close to gender parity by 2023. Currently, the representation of women in our programs is 23%, 45% and 35% in our undergraduate, MSc and PhD programs, respectively.

Working at Ryerson

At the intersection of mind and action, Ryerson is on a transformative path to become Canada's leading comprehensive innovation university. At Ryerson and within our Department, we firmly believe that equity, diversity and inclusion are integral to this path; our current academic plan outlines each as core values and we work to embed them in all that we do.

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. We invite you to explore the range of benefits and supports available to faculty and their family, including access to our diverse faculty and staff networks.

Visit us on Twitter: @RyersonU, @RyersonHR, @RyersonVPFA and @RyersonECI and our LinkedIn company page.

Ryerson is committed to accessibility for persons with disabilities. To find out more about legal and policy obligations please visit the accessibility and Human Rights websites.

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, Black-identified persons, other racialized persons, persons with disabilities, and those who identify as women and/or 2SLGBTQ+.

How to Apply

Applicants must submit their application online via the Faculty Recruitment Portal (click on “Start Application Process” to begin) by July 7 2021. Applications will be considered as they arrive and interviews may take place before this date. A complete 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;
Department of Computer Science
Faculty of Science

- 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
- a teaching dossier and results of teaching evaluations; 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, in accordance with Canadian immigration regulations. Candidates must therefore indicate in their application if they are a permanent resident or citizen of Canada.

Contacts
Any confidential inquiries about the opportunity can be directed to the Department Chair, Dr. Dave Mason at cs.chair@ryerson.ca.

Indigenous candidates who would like to learn more about working at Ryerson University are welcome to contact Tracey King, Indigenous Human Resources Lead at t26king@ryerson.ca.

Black identified candidates who wish to learn more about working at Ryerson University are welcome to contact Shurla Charles-Forbes, Black Faculty & Staff Community Network at shurla.charlesforbes@ryerson.ca.

For any confidential accommodation needs in order to participate in the recruitment and selection process and/or inquiries regarding accessing the Faculty Recruitment Portal, please contact Michelle Gomes, HR Advisor, at michelle.gomes@ryerson.ca

We thank applicants in advance for their applications; however only applicants under consideration will be contacted about their candidacy.