



Western Science

Department of Computer Science

The Department of Computer Science in the Faculty of Science at Western University, one of Canada's leading research-intensive universities, is seeking applicants for a faculty position in the areas of Cyber-Physical Systems and Networking. Successful applicants will be appointed at the rank of Assistant Professor (Probationary Tenure-track), Associate Professor (Probationary Tenure-track or Tenured), or Full Professor with Tenure depending on qualifications and experience.

Consideration of applications will begin March 20, 2022, with the intent that the successful candidate will join Western's faculty effective July 1, 2022. Western welcomes applications from those who identify as women, members of racialized groups, indigenous persons, persons with disabilities, and those who identify as 2SLGBTQ+.

Applicants must possess a Ph.D. in Computer Science or a related field. The successful candidate will demonstrate evidence of a strong research record in the areas of cyber-physical systems, networking or related areas. The successful candidate must demonstrate an outstanding record of research productivity in the form of publications in high-impact peer reviewed journals and conferences, awards, invited talks and other scholarly achievements as appropriate for their career path and stage. Applicants must demonstrate that they are well-positioned to apply successfully for external funding in both the public and private sectors as evidenced by their current success at funding and/or their potential for future partnerships detailed in their research plan. Tenure and appointment at higher rank will be commensurate with evidence of excellence in research and impact through publications in the highest quality journals, and an established internationally-recognized, externally-funded research program. Salary will commensurate with the successful applicant's qualifications and experience.

Western University delivers an academic experience second to none. Western challenges the best and brightest faculty, staff and students to commit to the highest global standards. Our research excellence expands knowledge and drives discovery with real-world application. Western attracts individuals with a broad worldview, seeking to study, influence and lead in the international community. Since 1878, The Western Experience has combined academic excellence with life-long opportunities for intellectual, social and cultural growth in order to better serve our communities.

The Department of Computer Science has research strengths in algorithms, artificial intelligence and machine learning, bioinformatics, computational neuroscience, distributed systems, networking, software engineering and theoretical computer science. The Department has strong ties to industry and strongly encourages and supports participation in interdisciplinary research. Recent investment through a partnership between Bell Canada and Western will see the creation of an advanced 5G research centre that will enable Western to become a "living lab" for shaping smart cities and communication systems. The Department is a contributor to a collaborative Master's program in Artificial Intelligence (with Electrical and Computer Engineering), an undergraduate data science program and a professional Master's program in data analytics (both with Statistical and Actuarial Sciences). Research is supported by the SHARCNET high performance computing facilities and the Southern Ontario Smart Computing Innovation Platform (SOSCIP).

Western University is a prominent academic institution routinely ranked as a top research-intensive university in Canada and is committed to excel as a leading research institution internationally. Western University has a full-time enrollment of about 32,000 students in a range of academic and professional programs. Further information about Western can be found at <http://www.uwo.ca/>, The Faculty of

Science at <https://www.uwo.ca/sci/> and the Department of Computer Science at <https://www.csd.uwo.ca>. The university campus is in London Ontario, a thriving city of 410,000, located midway between Toronto and Detroit. With parks, river valleys, tree-lined streets, and bicycle paths, London is known as the "Forest City". London has a reasonable cost-of-living, and boasts an international airport, galleries, theatre, music and sporting events (see <https://www.ledc.com/why-london>).

If you share our commitment to excellence in teaching and research, and are eager to pursue a rewarding academic career, please send (i) a detailed curriculum vitae, (ii) a description of teaching experience and philosophy, (iii) a brief description of your current research program, accomplishments, and future plans, (iv) copies of representative publications, and (v) the names of three referees. Please ensure that the form available at <http://www.uwo.ca/facultyrelations/faculty/Application-FullTime-Faculty-Position-Form.pdf> is completed and included in your application submission. Western recognizes the potential impact that career interruptions can have on a candidate's record of research achievement and candidates are encouraged to explain within their application the impact that career interruptions have had and to submit a full career or extended CV.

Applications should be sent via email to the attention of:

Dr. Michael Domaratzki
Chair, Department of Computer Science
Western University
1151 Richmond St
London, ON, N6A 5B7
Email: sstraat@uwo.ca

Consideration of applications will commence on March 20, 2022 and will continue until the position is filled. We thank all applicants for their interest, but only those selected for an interview will be contacted.

Effective September 7, 2021, all employees and visitors to campus are required to comply with Western's [COVID-19 Vaccination Policy](#).

Positions are subject to budget approval. Applicants should have fluent written and oral communication skills in English. The University invites applications from all qualified individuals. Western is committed to employment equity and diversity in the workplace and welcomes applications from women, members of racialized groups/visible minorities, Indigenous peoples, persons with disabilities, persons of any sexual orientation, and persons of any gender identity or gender expression.

In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents.

Accommodations are available for applicants with disabilities throughout the recruitment process. If you require accommodations for interviews or other meetings, please contact Sara Willemse at sstraat@uwo.ca.

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